	Total	N-Clones (208F-FE-8)	T-Clones (FE8-208F)
Number of sequenced cDNA clones	1257	669	588
Number of individual sequences	823	416	407
Sequence analysis			
Known genes (nr/Genbank)	427	207	220
Expressed Sequence Tags (dbest)	303	161	142
No similarity in data bases (new)	93	48	45
Expression analysis: Reverse Northern Analysis/conventional Northern Blot			
Differentially expressed	393	225	168
Known genes	244	126	118
Expressed sequence tags	104	74	30
New sequences	45	25	20
Not differentially expressed	194	86	108
Not detectable in expression analysis	236	105	131

Figure 1

Genes that are adjusted down by H-Ras-transformation

Genes that are adjusted up by H-Ras-transformation

[Key:]
Sequenzidentität (Genbank/EMBL) = Sequence Identity (Genbank/EMBL)
Spezies = Species
Zugriffs-Nr. = Access No.
Redundanz = Redundancy
Ausmaß der Regulation = Extent of Adjustment
Verifizierung = Verification

Signalling Molecule

Gene herabreguliert durch H-Ras-Transformation

Sequenzidentität (Genbank/EMBL)	Spezies	Zugriffs-Nr.	Redundanz	Ausmaß der Regulation	Verifizierung
Signalgebungsmoleküle					
3',5'-cyclic AMP phosphodiesterase	r	Z22867	1	>100	N1
AhR repressor	m	AB015140	1	38.0	R
cAMP-dependent protein kinase type II	r	M12492	1	>100	R
CSF-1 (colony stimulating factor-1)	r	M84361	2	5.6	N2, R
Gas-6	m	X59846	1	24.0	R
Guanine nucleotide-binding protein G-s alpha	r	M12673	1	3.6	N3
I-TRAF (TRAF-interacting protein)	m	MMU59864	1	38.6	N4
IKK-complex-associated protein (IKAP)	h	AF044195	1	8.6	R
MARCKS	m	M60474	2	3.3	N5
MST2 kinase	r	AJ001529	2	21.6	R
Myo-inositol monophosphatase (IMP)	r	U84038	1	44.5	N6
P5 protein	ha	X62678	1	3.4	R
Phosducin-like protein (PhLP)	r	L15354	2	>100	N7, R
Phosphatidylinositol 3-kinase p110 beta	h	S67334	1	>100	N8
Phosphatidylinositol 3-kinase p170	m	U55772	1	65.9	N9, R
Protein tyrosine phosphatase delta (MPTPd)	m	D13903	1	1.9	R
ROK alpha	r	U38481	1	26.1	N10
Serum inducible kinase (SNK)	m	M96163	1	>100	N11, R
SH3 binding protein (SAB)	h	AB005047	1	3.5	R

Gene heraufreguliert durch H-Ras-Tranformation

Sequenzidentität (Genbank/EMBL)	Spezies	Zugriffs-Nr.	Redundanz	Ausmaß der Regulation	Verifizierung
AKAP-KL (A kinase anchor protein)	m	AF033276	1	16.1	T1, R
B61 (eek receptor ligand)	r	D38056	1	5.2	T2
c-Ha-ras-1	h	V00574	1	17.0	T3
c-yes	m	X67677	1	12.5	T4
Calmodulin-dependent protein kinase II-delta	r	J05072	1	8.1	R
Cyclooxygenase 1	r	U03388	1	90.7	T5, R
Cytocentrin = Ral-binding protein 1	r	U28830	1	8.3	T6
FKBP51 (T-cell-specific immunophilin)	m	U16959	1	68.2	T7
FLIP (FLICE-like inhibitory protein)	m	U97076	2	>100	T8
GEF-H1	h	U72206	1	32.1	T9
GTP-binding protein RAB5	r	AF072935	1	>100	T10
JAK1 protein tyrosine kinase 1	r	AJ000556	1	55.0	T11
MAP-kinase phosphatase (cpg21)	r	AF013144	1	27.9	T12, R
p67 (isoprenylated 67 kDa protein)	r	M80367	1	98.2	T13
Phosphatase 2A B56	h	L42373	2	50.6	T14
PkB kinase	r	Y15748	1	19.9	T15
R-esp2	r	L14463	1	>100	T16
Rap1B GTP binding protein	r	U07795	1	21.0	T17
Ras-GTPase-activating protein	m	AB001927	1	9.9	T18
RhoC	m	X80638	2	6.7	R
SDF1 phosphatase	h	U93181	1	27.1	T19, R
Sprouty 2 (SPRY2)	h	AF039843	2	11.60	T20, R
TDAG51	m	U44088	1	2.7	T21
Tyrosine phosphatase 1A-2a	r	D38222	1	12.2	T22

Figure 2

Figure 2 (Continuation a)

Nuclear Proteins (Transcription Factors, DNA Processing Enzymes)

Nukleäre Proteine (Transkriptionsfaktoren, DNA Prozessierungsenzyme)

AHNAK nucleoprotein	h	M80902	2	>100	N12	Alpha-prothymosin	r	M60664	1	2.4	R
ATP-dependent RNA helicase	m	U46690	1	8.9	N13	BRCA1-associated RING domain protein (Bard1)	m	AF057157	1	3.5	T23
BRG-1 (brahma homolog)	m	S68108	1	13.1	N14	cdc-like kinase (clk)	m	L29221	1	13.1	T24
CCAAT/enhancer binding (C/EBP gamma)	r	X64403	1	16.6	N15	FEN-1 (flap endonuclease-1)	m	L26320	1	11.1	T25
Cdc21	m	D26089	1	3.9	R	Fra-1 (fos-related antigen 1)	r	M19651	3	>100	T26, R
Centromeric protein CENPC	m	U03113	1	39.2	N16, R	Histone acetyltransferase (GCN5)	h	AF029777	1	2.7	T27
Chromosome-associated polypeptide C (CAP-C)	h	AB019987	1	9.6	R	hNop56 nucleolar protein	h	Y12065	1	2.9	T28
DNA polymerase epsilon	h	AF036899	1	5.1	R	LAP1C (lamina-associated polypeptide 1C)	r	U19614	1	7.6	T29
DNA repair protein RAD50	m	U66887	1	3.4	N17, R	Myb-binding protein (P160)	m	U63648	1	5.9	T30
ERS1 transcription factor	h	U17163	1	9.6	N18	NF-1 transcription factor	m	U37635	1	71.8	T31
ETF TEA domain containing transcription factor	m	D50563	1	7.4	N19	p100 transcriptional coactivator	h	U83883	1	4.9	R
Gu binding protein	h	U78524	1	41.7	N20	PEBP2b2	m	D14571	2	45.4	T32
HEC retinoblastoma-associated protein	h	AF017790	1	3.9	N21, R	RB (retinoblastoma protein)	r	D25233	1	6.5	T33
Helicase p68 (HUMP68)	h	AF015812	2	>100	N22, R	SA-1 (stromal antigen)	m	Z75332	1	89.1	T34, R
Histone H3.3	h	Z48950	2	5.8	R						
Ki-67 antigen	m	X82786	1	>100	N23, R						
LAP2 (Lamina associated polypeptide 2)	r	U18314	4	>100	N24, R						
Mouse zinc finger protein	m	D45210	1	5.6	N25						
mTFE3 (X-linked transcriptional activator)	m	S76673	1	3.6	R						
Nuclear autoantigen GS2NA	h	U17989	1	31.9	R						
Nucleoporin 155	h	AJ007558	1	15.2	N26						
Poly(ADP-ribose) glycohydrolase (hPARG)	m	AF079557	1	2.4	R						
Ruf4 transcription factor	m	U95141	2	64.9	R						
Single strand DNA-binding protein	h	AF077048	1	4.9	R						
STAT5a1 transcription factor	r	U24175	1	1.8	N27						
Topoisomerase I	m	D10061	1	20.1	R						
Topoisomerase II	r	Z19552	3	2.1	R						

Figur 2 (Fortsetzung a)

Proteinprozessierung, Proteintransport und Proteinfaltungsmoleküle

26S proteasome subunit p55	h	AB003103	1	3.5	N28	Aminopeptidase P (APP)	r	AF038591	2	5.6	R
GRP94/endoplasmin	m	S69316	1	2.2	R	Chaperonin containing TCP-1 epsilon (CCT)	m	Z31555	2	2.2	T35, R
Heat shock protein 105	m	D67016	1	15.1	N29	Exportin	h	AF039022	4	48.5	T36
Heat shock protein 90	h	X15183	1	4.8	N30, R	GRP75	r	S78556	2	2.1	R

Protein Processing, Protein Transport and Protein-folding Molecule

Figure 2 (Continuation b)

Metabolic Enzymes, Transporters and Ion Channels

MG-160 (Golgi apparatus sialoglycoprotein)	r	U08136	1	2.3	R
Rsec6	r	U32575	1	56.0	N31
Translocation protein-1	h	D87127	1	>100	N32
HAUSP (herpes ass. ubiquitin-specific protease)	h	Z72499	1	28.8	R
Importin alpha Q1	m	AF020771	1	10.6	R
MPPB (mitochondrial processing peptidase beta)	r	L12965	1	4.3	R
Ran-GTPase	m	S83456	1	19.7	T37
Sec61	r	M96630	2	29.2	T38, R
Sort1 (sortilin)	h	X98248	1	10.5	T39
Translation initiation factor 3	h	U94855	1	5.7	T40, R

Figur 2 (Fortsetzung b)

] Metabolische Enzyme, Transporter, Ionenkanäle

3-beta-hydroxysteroid dehydrogenase isomerase	r	S63167	4	5.0	R
3-hydroxy 3-methylglutaryl coenzyme A synthase	r	X52625	2	12.7	R
Aldehyde dehydrogenase	r	J03637	1	37.8	N33
Alpha-mannosidase II	m	X61172	1	6.3	R
Antioxidant enzyme AOE372	m	U96746	1	1.8	N34
AP56 (acetaminophen-binding protein)	m	S56599	1	58.7	R
Apobec-1 binding protein 1	h	U76713	1	>100	N35
CaBP1 (calcium binding protein)	r	X79328	2	4.7	N36
Calcium channel beta subunit-III	r	M88751	1	18.8	N37
Dihydropyrimidinase related protein-3	h	D78014	1	2.3	R
Glutamine sythetase	r	M91652	3	10.4	R
NADH dehydrogenase chain 5	r	X14848	1	2.5	R
NADH dehydrogenase chain 6	r	X13220	1	5.3	R
NADP transhydrogenase	m	Z49204	1	12.3	N38
Phosphatidate phosphohydrolase type 2	r	U90556	1	6.2	N39
Selenoprotein P	r	M63574	2	31.8	N40
4F2hc intestinal type II membrane glycoprotein	r	U59324	4	2.9	T41
ABC transporter MOAT-B	h	AF071202	1	10.8	T42, R
Acyl-CoA synthetase I	r	D30666	1	4.1	R
Aldehyde reductase	r	D10854	1	4.0	T43
Asparagine synthetase	r	U07201	4	15.3	R
ATP citrate-lyase	r	J05210	2	3.1	R
Bleomycin hydrolase	r	D87336	2	8.5	T44, R
ClC-6a (chloride channel)	h	X99473	1	19.6	R
Farnesyl pyrophosphate synthetase	r	M34477	2	3.3	T45, R
Glucose-6-phosphate dehydrogenase	r	X07467	1	2.4	R
Glutathione reductase	r	U73174	1	2.7	T46, R
Glvr-1 (leukemia virus receptor 1)	m	M73696	2	22.2	R
MCT1 monocarboxylate transporter	r	X86216	1	7.5	R
Mitochondrial trifunctional protein	r	D16478	1	2.4	T47
Non-neuronal enolase (NNE)	r	X02610	5	2.5	R
NPC-1 protein	m	AF003348	1	3.1	R
Phosphoglycerate mutase type B	r	S63233	4	5.6	R
Stearoyl-CoA desaturase 2	r	AF036761	1	7.5	R
Transcript ass. with monocyte differentiation	h	X85750	1	8.2	T48
Transporter protein (g17)	h	U49082	1	4.2	R
X-chromosome linked phosphoglycerate kinase	r	M31788	1	2.9	R

Figure 2 (Continuation c)

Cytoskeleton Components-Molecule Involved in Adhesion and Cell-Time Interaction

Figur 2 (Fortsetzung c)

Cytoskelett-Komponenten-Moleküle beteiligt an Adhäsion und Zell-Zell-Interaktion

ABP-280 (actin-binding protein / filamin)	h	X53416	1	5.8	R	Arp3 (actin-related protein 3)	h	AF006083	3	3.3	T49, R
Alpha-actin	r	X06801	5	4.2	R	Calcium-binding protein pp52 / LSP1 / WP34	m	M89956	2	29.7	T50, R
Cadherin-11	m	X77557	1	11.7	R	Calponin	r	U06755	1	5.2	R
Caldesmon	r	U18419	3	37.7	N41	CD44 glycoprotein	r	M61875	1	17.0	T51, R
Cytohesin-2	r	U70728	1	>100	N42	Laminin receptor	m	J02870	5	4.1	R
Gas-1	m	X65128	1	10.4	R	Leukocyte adhesion protein p150,95	h	Y00093	2	5.2	R
HSPG core fibroglycan (syndecan-2)	r	M81687	1	61.9	N43, R	MAGE-B gene cluster	h	U93163	2	15.3	T52
huEMAP microtubule associated protein	h	NM004434	1	26.9	N44	Myosin regulatory light chain	r	D14688	1	6.9	R
MLC-2	r	S77900	2	2.6	N45, R	TA1 oncofetal gene	r	U00995	2	1.9	T53
P-cadherin	m	X06340	1	60.1	N46	Thymosin beta 4	r	M34013	1	2.4	T54, R
Podoplanin	r	U96449	1	9.4	R						
Ryudocan	r	S61868	6	27.7	N47, R						
Tropomyosin 4	r	Y00169	1	7.8	N48,R						
TRPM-2 / clusterin	r	M64723	1	39.4	N49						
Vimentin	r	X62952	1	1.6	R						

Extracellular Proteins

Extrazelluläre Proteine

Collagen alpha1	r	Z78279	34	22.3	R	MMP-1 (Collagenase)	r	M60616	19	>100	T55, R
Cyr61 (immediate-early gene)	m	M32490	4	16.0	N50, R	MMP-3 (Stromelysin 1)	r	X02601	7	32.3	T56, R
Entactin/Nidogen	m	X14194	14	35.8	N51	MMP-10 (Stromelysin 2)	m	X05083	12	33.8	R
Fibrillin-1 (Fbn1)	m	U22493	1	3.3	R	Mob-1	r	U17035	2	2.4	T57, R
Fibronectin	r	X15906	25	>100	N52	Testin	m	X78990	1	8.9	T58
FISP-12	m	M70642	2	49.4	N53						
Follistatin-related protein; TSC-36	r	U06864	5	2.0	N54, R						
Laminin B1	m	M15525	1	5.0	R						
Lysyl oxidase	r	U11038	14	9.2	R						
Lysyl oxidase-related protein (WS9-14)	h	U89942	1	59.2	N55, R						
Megakaryocyte potentiating factor	m	D86370	3	6.0	N56						
MGF (mast cell growth factor)	m	U44725	1	13.4	N57						
MMP-2 (Gelatinase A)	r	U65656	3	50.6	N58, R						
Thrombospondin 1	m	M62470	25	42.5	R						
TIMP-2 (inhibitor of metalloproteinase 2)	r	S72594	1	18.3	N59, R						

Figure 2 (Continuation d)

Others

Andere

Figur 2 Fortsetzung d)

AAC11 (anti-apoptotic gene)	h	U83857	2	3.1	N60	Annexin IV	m	U72941	1	57.8	T59, R
Ania-6 (activity and neurotransmitter-ind. gene 6)	r	AF030091	1	10.2	R	B-cell receptor associated protein 37 (BAP 37)	m	X78683	2	42.8	T60, R
Antiquitin	h	S74728	2	7.4	N61, R	BC-2 protein p32	h	AF042384	1	2.8	T61, R
ATP-dependent metalloprotease FtsH1	m	AF090430	1	21.3	R	BCSC-1 (breast cancer suppressor candidate 1)	h	AF002672	1	6.9	T62
CBP20 (CAP-binding protein)	h	X84157	2	5.0	R	BP-I (similar to Lysyl hydroxylase isoform 3)	r	M18864	1	2.6	T63
Collapsin-2	c	U28240	1	>100	N62	C29 keratin-1 related	m	AB013607	1	6.4	R
DOC-2; p96 Phosphoprotein	r	U95177	1	>100	N63, R	Calmodulin (RCM3)	r	M19312	2	2.8	T64
E124 (p53 responsive gene)	m	U41751	4	5.5	N64	E1B 19K/Bcl-2-binding protein homolog (Nip3)	m	AF041054	1	63.0	T65
eIF-4AII protein synthesis initiation factor	m	X56953	1	3.9	R	Fls353 activated in colon tumors	h	AB024704	1	2.3	R
HH1 precursor	ha	AF046870	1	>100	N65	Glycyl-tRNA synthetase	h	U09510	1	12.0	R
Interferon induced gene	r	X61381	1	>100	N66	HRIIFB2216 rat fetal brain gene	r	AB015345	1	2.9	T66
KIAA0045 (myeloblast)	h	D28476	1	16.3	R	Insulinoma Gene (rig)	r	M19393	1	1.6	T67
KIAA0128 (myeloblast)	h	D50918	1	33.8	R	KE04p protein	h	AF064093	1	16.0	T68
KIAA0235 (myeloblast)	h	D87078	1	4.8	R	KIAA0013 (myeloblast)	h	D87717	1	3.2	R
KIAA0259 (myeloblast)	h	D87448	1	3.6	R	KIAA0310 (brain)	h	AB002308	1	6.0	R
KIAA0332 (brain)	h	AB002330	1	20.8	R	KIAA0431 (brain)	h	AB007891	1	10.7	R
L1 retroposon (ORF2)	r	X53581	5	20.2	R	KIAA0525 (brain)	h	AB011097	1	2.5	R
LxRN3 (LINE 1 repetitive sequence)	r	M60824	1	26.2	R	KIAA0544 (brain)	h	AB011116	1	2.9	R
Mama gene	r	AF065438	1	14.5	N67	KIAA0595 (brain)	h	AB011167	1	9.4	R
Osteoglycin	m	D31951	5	2.7	R	KIAA0597 (brain)	h	AB011169	1	2.9	R
p53BP2 (p53binding protein)	m	U58881	1	10.3	R	LIM protein FHL2	m	AF055889	1	4.2	R
PEBP2a1	m	D14636	1	38.4	N68	LIM-protein FHL3	h	U60116	1	7.3	T69
pMEM2 (maternal embryonic message gene 2)	m	X95350	1	29.4	N69	MAM domain protein	x	XLU37376	1	>100	T70, R
SFRS7 splicing factor	h	L41887	2	10.4	R	Mu-calpain large subunit (cls1)	r	RNU53858	1	28.7	R
WDNM2	r	X17464	1	>100	N70	Neuritin	r	RNU88958	1	1.8	R
Zinc-finger domain-containing protein	h	U90654	1	7.8	R	ORP150 (150 kDa oxygen regulated protein)	r	U41853	1	9.3	T71
ZNF216 zinc finger protein	m	AF062071	1	6.7	R	PHD finger protein 2 (PHF2)	h	NM_0053921	1	2.1	R
						Rsca3 (rat spinocerebellar ataxia type 3 gene)	r	Y12319	1	55.5	T72
						Seryl tRNA synthetase	h	M88136	3	2.4	R
						Synexin (annexin VII)	m	L13129	1	2.2	R
						TACC2	h	AF095791	1	2.3	R
						TSG101 (tumor susceptibility protein)	m	U52945	2	2.2	T73
						Tyrosine phosphatase-like protein IA-2n; PTP35	r	U40652	11	74.9	T74, R

Figure 2 (Continuation e)

Expressed Sequence Tags (EST)

Down-adjusted ESTs

Up-adjusted ESTs

Exprimierte Sequenz Tags (EST)

herabregulierte ESTs				heraufregulierte ESTs	
ESTAA003402	ESTAA276763	ESTAA674746	ESTAA859477	ESTAA066174	ESTAA925028
ESTAA028510	ESTAA276806	ESTAA681418	ESTAA859644	ESTAA079499	ESTAA943118
ESTAA033320	ESTAA286358	ESTAA710096	ESTAA859740	ESTAA182063	ESTAA945179
ESTAA067238	ESTAA289129	ESTAA722531	ESTAA863640	ESTAA417685	ESTAI007739
ESTAA086565	ESTAA372927	ESTAA726511	ESTAA864031	ESTAA571144	ESTAI031015
ESTAA122792	ESTAA399748	ESTAA734740	ESTAA882328	ESTAA589539	ESTAI044161
ESTAA153720	ESTAA412823	ESTAA743557	ESTAA891207	ESTAA616986	ESTAI234525
ESTAA154450	ESTAA462855	ESTAA752120	ESTAA893976	ESTAA792426	ESTD76796
ESTAA161894	ESTAA497642	ESTAA759531	ESTAA899090	ESTAA798353	ESTHSAC001070
ESTAA163325	ESTAA516974	ESTAA764153	ESTAA899584	ESTAA800034	ESTW20810
ESTAA163444	ESTAA517260	ESTAA789552	ESTAA900577	ESTAA801415	ESTW65969
ESTAA170629	ESTAA517339	ESTAA793073	ESTAA901340	ESTAA847689	
ESTAA200452	ESTAA572112	ESTAA799790	ESTAA924035	ESTAA850112	
ESTAA203784	ESTAA575650	ESTAA800749	ESTAA986886	ESTAA850123	
ESTAA245968	ESTAA589518	ESTAA800908	ESTAI230694	ESTAA853333	
ESTAA266966	ESTAA607513	ESTAA801125	ESTTI35777	ESTAA858918	
ESTAA267114	ESTAA646710	ESTAA817802	ESTW97088	ESTAA859425	
ESTAA268366	ESTAA667811	ESTAA819247		ESTAA891266	
ESTAA270146	ESTAA674143	ESTAA851788		ESTAA924000	
Neue Sequenzen					
25 neue Sequenzen				20 neue Sequenzen	

Figur 2 (Fortsetzung e)

New Sequences

25 New Sequences

20 New Sequences

Figure 3

Sequenzidentität (Genbank / EMBL)	Expressionsstärke 208F	FE8	FE8 +PD
3-hydroxy 3-methylglutaryl coA synthase	++++	+	+++
ABP-280 (actin binding protein / filamin)	+++	++	+++
Alpha-actin	+++	+	+++
Antioxidant enzyme AOE372	++	+	++
AP56 (acetaminophen-binding protein)	++	0	++
Cdc21	++	0	+++
Centromeric protein CENPC *(a)*	+++	0	++
Collagen alpha 1	+++	+	+++
CSF-1 (colony stimulating factor 1)	++	0	++
DOC-2; p96 phosphoprotein	++	0	+++
ER81 transcription factor	+++	+	++
ETF transcription factor	+++	0	++
Fibronectin	+++	+	+++
Follistatin-related protein; TSC36	++	+	+++
GRP94 / endoplasmin	+++	+	+++
Gu binding protein	+++	0	+
Heat shock protein 90	++	0	++
HSPG core fibroglycan (syndecan-2)	+++	0	++
Interferon induced gene	+++	0	++
L1 retroposon (ORF2)	+++	0	++
Laminin B1	+++	+	++
Lysyl oxidase	+++	0	+
Lysyl oxidase-related protein (WS9-14)	++	0	+
Mama gene	+++	0	+
MMP-2 (Gelatinase A)	+	0	+++
mTFE3 (transcriptional activator)	++	+	++
Nuclear autoantigen GS2NA	++	0	+++
Osteoglycin	++	0	++
P5 protein	+++	+	++
P-cadherin	++	0	+++
Phosducin-like protein (PhLP)	+++	0	+
Serum inducible kinase (SNK)	+++	0	++
STAT5a1 transcription factor	++	0	+++
Thrombospondin 1	+++	0	+
TIMP-2 (inhibitor of metalloproteinase 2)	+++	+	++
TRPM-2 / clusterin *(b)*	+++	+	+++

Sequenzidentität (Genbank / EMBL)	Expressionsstärke 208F	FE8	FE8 +PD
Bleomycin hydrolase	+	+++	++
BRCA1-associated RING protein (Bard1)	0	++	+
E1B 19K/Bcl-2-binding protein (Nip3)	0	+++	++
Exportin	+	+++	++
FEN-1 (flap endonuclease-1)	0	+++	+
FKBP51 (T-cell-specific immunophilin)	0	+++	+
FLIP (FLICE-like inhibitory protein)	0	++	0
GEF-H1	0	+++	+
LAP1C (lamina associated polypeptide 1)	0	+++	0
MAM domain protein	0	+++	+
MAP-kinase phosphatase (cpg21) *(c)*	0	+++	+
MMP-10 (Stromelysin-2) *(d)*	0	+++	0
MMP-3 (Stromelysin-1)	0	+++	0
Myb-binding protein (P160)	+	+++	+
NF-1 transcription factor	0	++	0
Non-neuronal enolase (NNE)	+	+++	++
ORP150 (150 kDa oxygen regulated)	+	+++	+
p67 (isoprenylated 67 kDa protein)	0	+++	++
PKB kinase	0	+++	+
Rap1B GTP binding protein *(e)*	0	+++	+
Ras-GTPase-activating protein	0	+++	+
Rsca3 (rat spinocerebellar ataxia gene)	0	+++	+
SA-1 (stromal antigen)	0	++	+
Sort1 (Sortilin)	0	+++	++
TSG101 (tumor susceptibility protein)	++	+++	++

Sequence Identity (Genbank/EMBL)	208F	Expression Strength FE-8 H-Ras	208F K-Ras	208F N-Ras

Sequenzidentität (Genbank / EMBL)	Expressionsstärke 208F	FE-8 H-ras	208F K-ras	208F N-ras
ABC transporter MOAT-B	0	++++	0	+
BCSC-1 (breast cancer suppressor candidate 1)	+	++++	0	+
Cyclooxygenase 1	+	++++	+	+++
E1B 19K/Bcl-2-binding protein (Nip3)	0	++	++++	++
EST AA743557	++++	+	0	++
EST AA792426	+	++++	+	+
EST AA924000	+	++++	+	++
ETF TEA domain containing transcription factor	++++	0	++	++
Farnesyl pyrophosphate synthetase	+	+++	0	+
FEN-1 (flap endonuclease-1)	0	++++	+	0
FLIP (FLICE-like inhibitory protein)	0	+	++	++++
JAK1 protein tyrosine kinase 1	+	++++	+	+
MAGE-B gene cluster	0	++++	0	0
MAP-kinase phosphatase (cpg21)	0	++	+++	++++
MARCKS	++++	0	+	+++
MMP-10 (Stromelysin 2)	0	++	++	++++
Mob-1 *(f)*	0	++++	++	+
mTFE3 (X-linked transcriptional activator)	++++	0	+	+
Myb-binding protein (P160)	+	++++	++	++
novel transcript N317	++++	0	++	++++
P-cadherin *(g)*	++++	0	0	++
Phosphatidylinositol 3-kinase p170	+++	0	+	++
Ras-GTPase-activating protein	0	++++	0	0
SBF1 phosphatase	0	++++	+	+
Serum inducible kinase (SNK) *(h)*	++++	0	+++	+++
Tyrosine phosphatase IA-2a *(i)*	0	++++	0	++

Figure 4

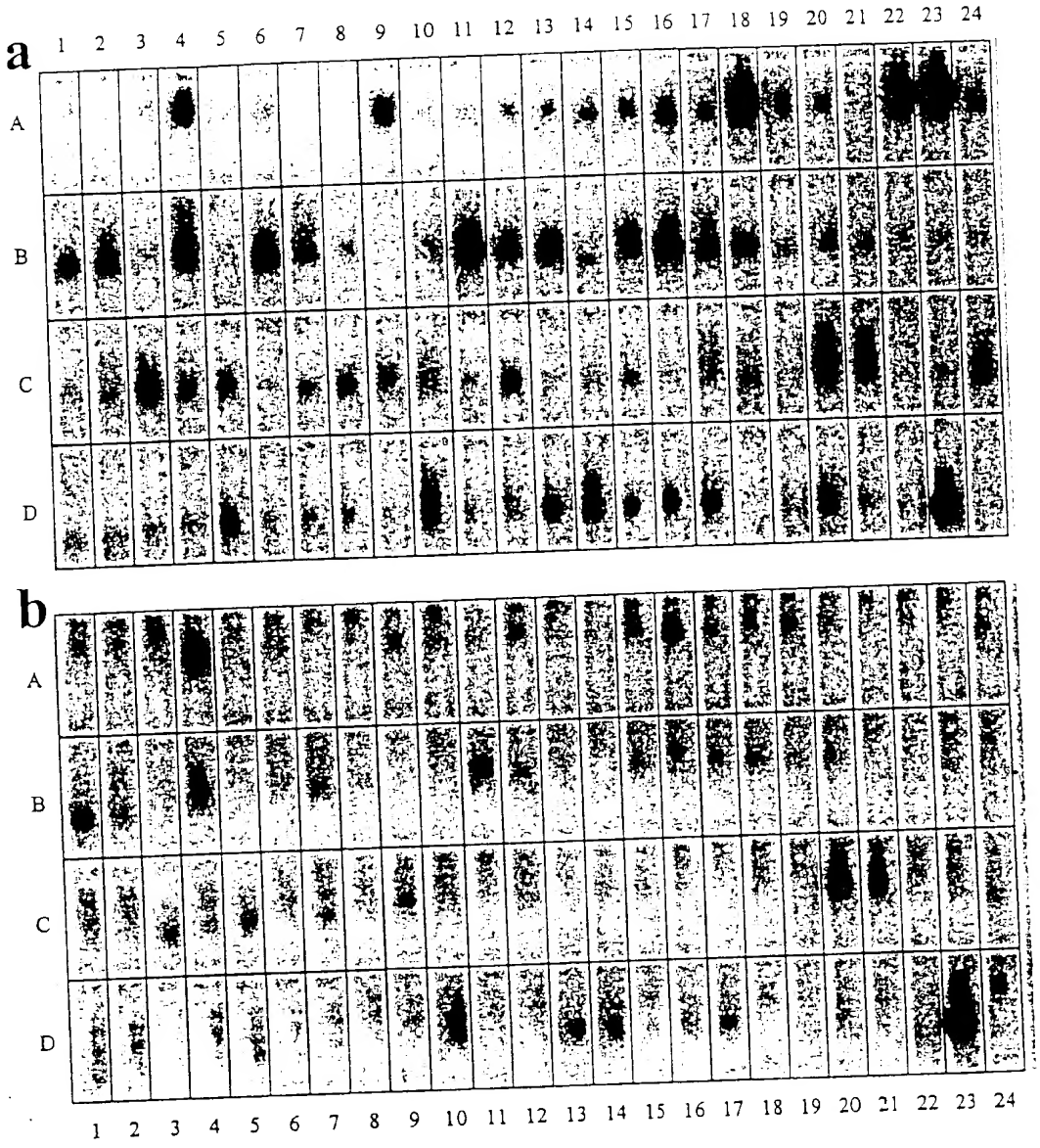
a
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
A
B
C
D
b
A
B
C
D
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

Fig. 5

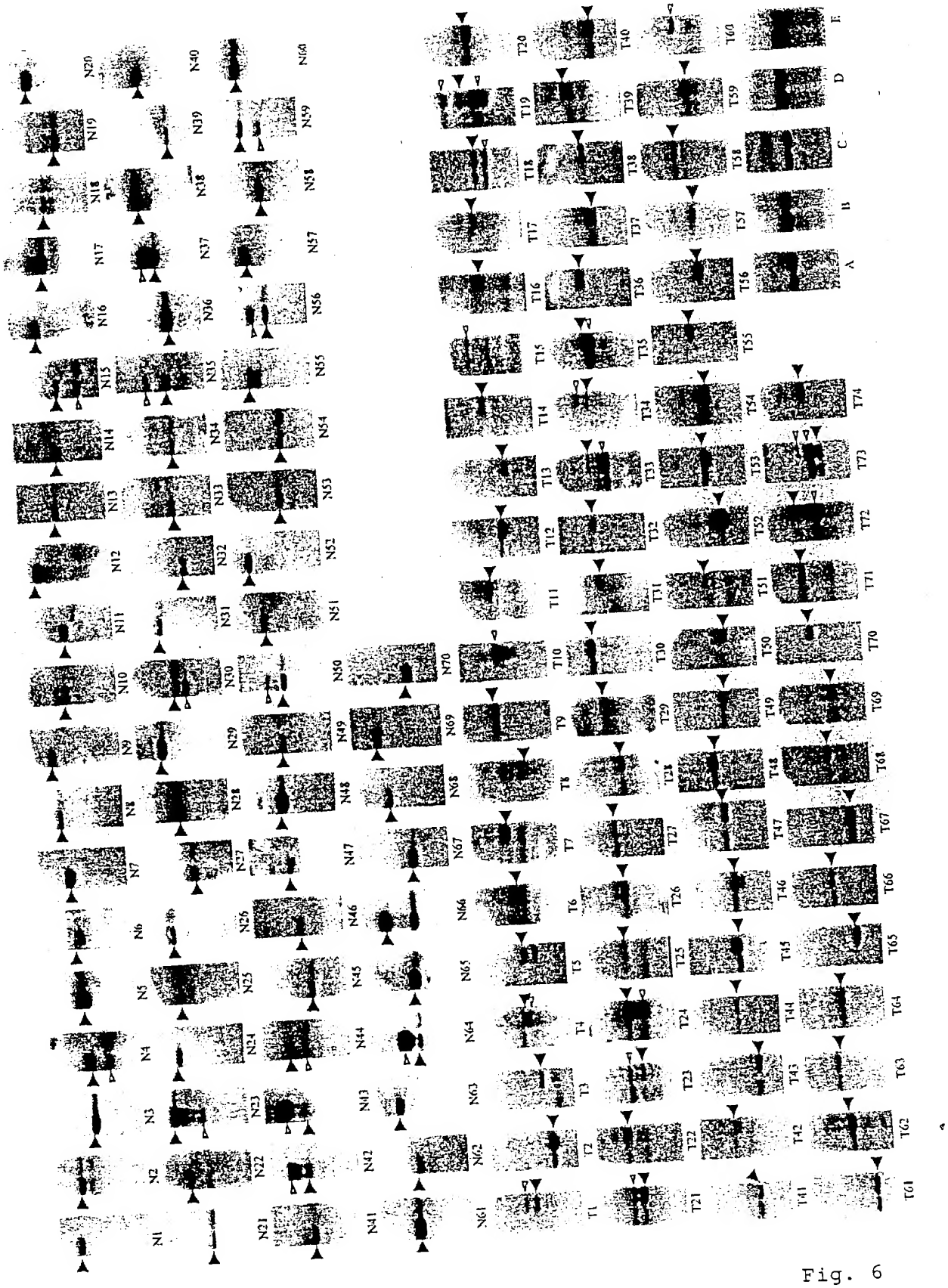

Fig. 6

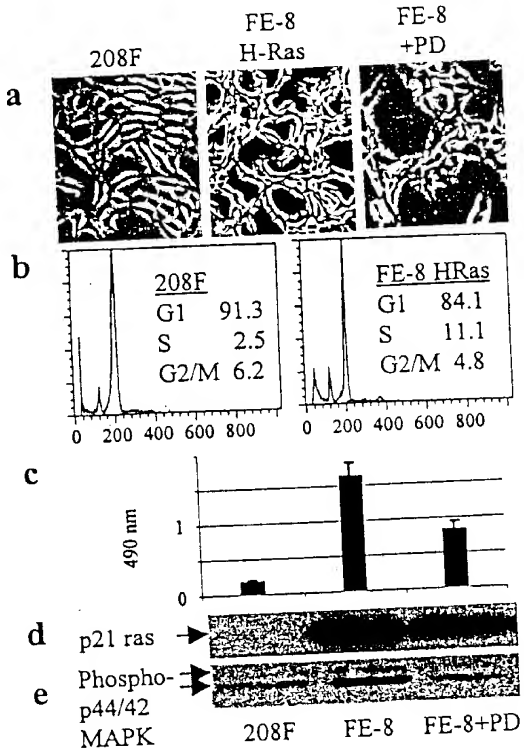
208F
FE-8
H-Ras
FE-8
+PD
a
b
208F
G1 91.3
S 2.5
G2/M 6.2
FE-8 HRas
G1 84.1
S 11.1
G2/M 4.8
0 200 400 600 800
0 200 400 600 800
c
490 nm
1
0
d
p21 ras
e
Phospho-
p44/42
MAPK
208F
FE-8
FE-8+PD

Fig. 7

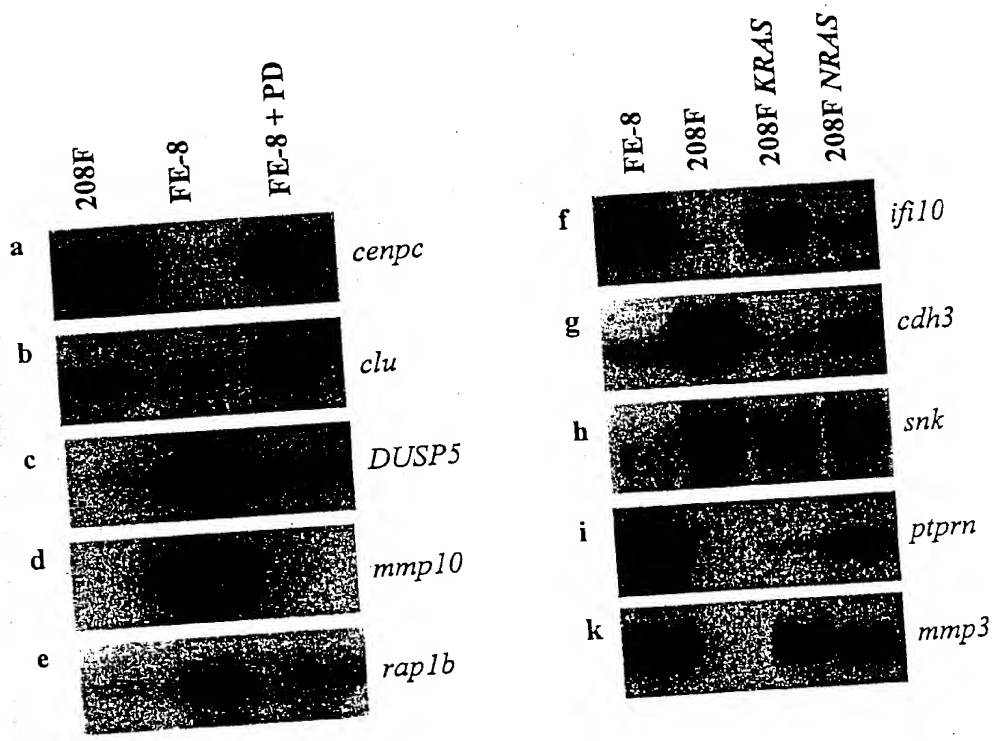
208F
FE-8
FE-8 + PD
a
cenpc
b
clu
c
DUSP5
d
mmp10
e
rap1b
FE-8
208F
208F KRAS
208F NRAS
f
ifi10
g
cdh3
h
snk
i
ptprn
k
mmp3

Fig. 8

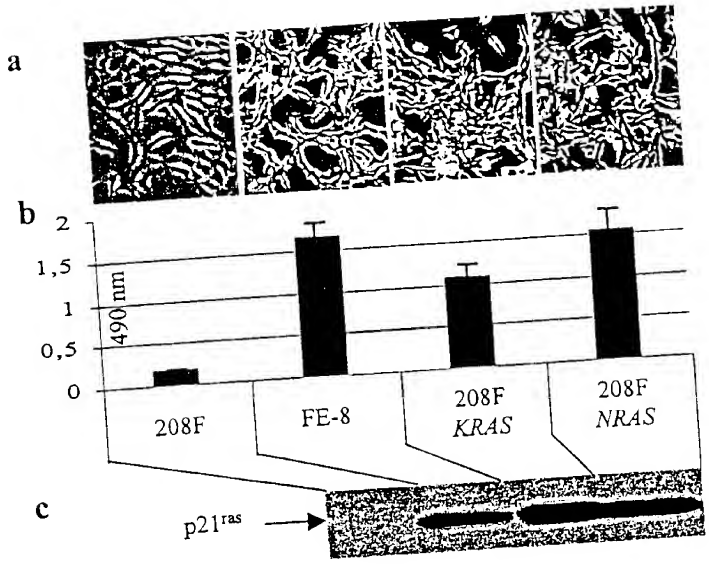

Fig. 9

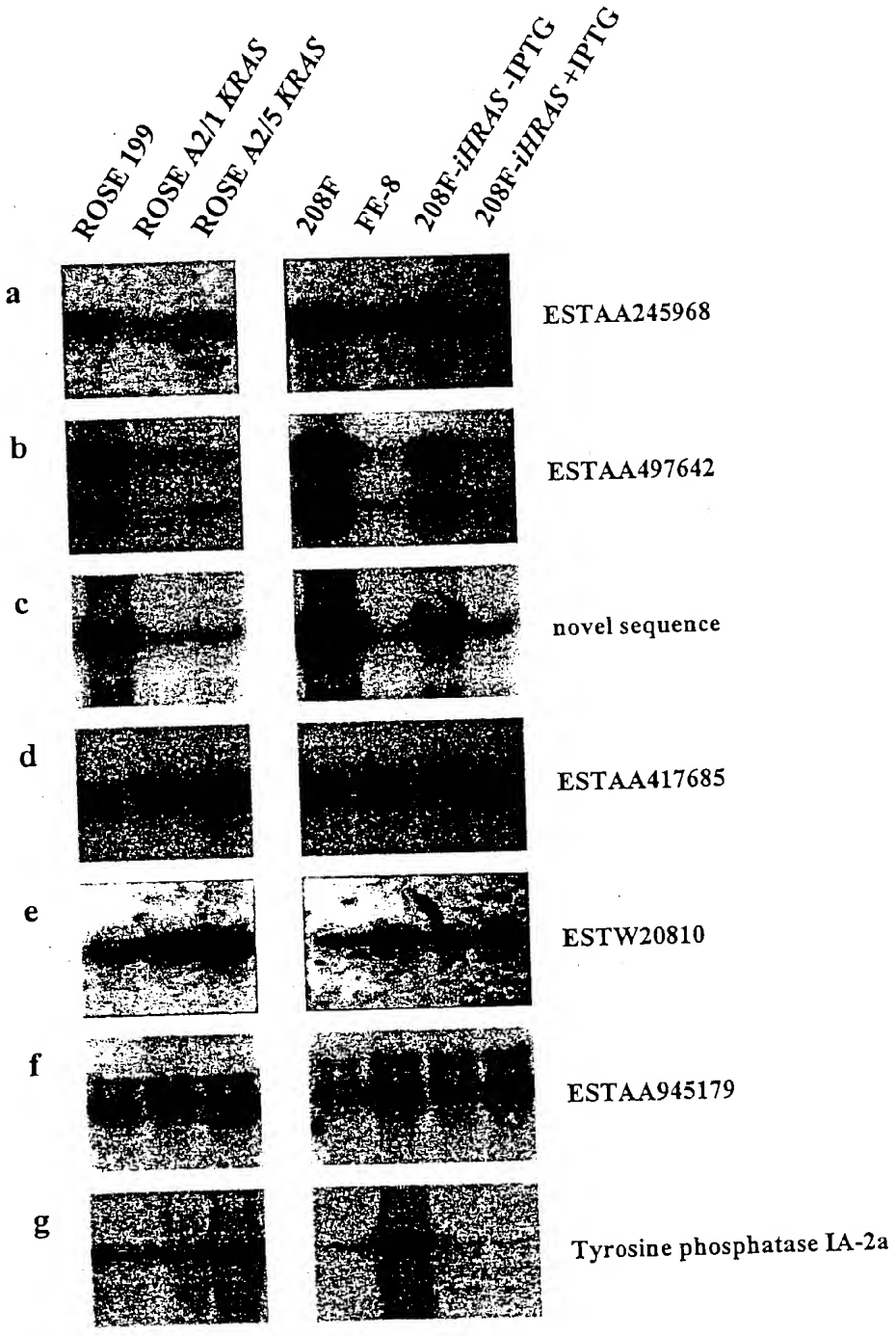
ROSE 199
ROSE A2/1 KRAS
ROSE A2/5 KRAS
208F
FE-8
208F-iHRAS -IPTG
208F-iHRAS +IPTG
a
ESTAA245968
b
ESTAA497642
c
novel sequence
d
ESTAA417685
e
ESTW20810
f
ESTAA945179
g
Tyrosine phosphatase IA-2a

Fig. 10

Figur 11

```
Name: N1                    Len:   255  Check:     1753
 acactgttcc atgtgggttct cctagcttca tccgtgaagg actgaggacc tttgttatac   60
 ttaacaaaac ccagatgcat caatttctga tgcttttttac tgttgtgtat aatctactta  120
 agtgttttat ttctgccgaa agtattcagg tttgctgtgg acatcaggag tctgaatttct  180
 gttcttactg attttgttcc atggttgaat tttaaaagtg tttaacaatg aaggaacttt  240
 attctttagt caaaa                                                   255
Name: N10                   Len:   250  Check:     2392
 acctccctgt ctgttaagaa ggcacatatg agattcttcg catgtttaga aatttctgta   60
 tcttcaggaa aacacagtga atttttatga tccataattt tgctgtaggt tcctacaagt  120
 gaatctgcat aaaatggagt atcccctact aacatctcaa aaaggaaaac acctacagac  180
 caccaatcac attctcgtcc atagtaacca tcacctcctt gtgatttcag aacctcaggt  240
 gatatgtagt                                                         250
Name: N100                  Len:   255  Check:     15CB
 acagactctt gtatacagac ggaaagttag caaggactca actcgaccac atcaagtttt   60
 cttgaaaagt gtttacttta aacacttaaa gaaaaatata acttatctac atgtttgaat  120
 agtctagaag gaaaaacaaa gccaccgtca agaccctgtg gagttgaaga ggacacggaa  180
 acgtctcaat gaggtaatcc ttccactgtc tctaaaagtc cgacagaaac tgagtgagct  240
 cacgaggaca gattt                                                   255
Name: N101                  Len:   255  Check:     2081
 acaagaaatc ctcaaagaaa gcggcgtggt ggagctgtga attctagaca aacccagaag   60
 cgaactcggg aaacaacttc aacccctgag atttccttgg aagcagaacc catagaactt  120
 gtggaaaccg ttggagatga aatcgtggac ctcacctgtg aatctttaga gcctgtggtt  180
 gtggacctga ctcacaatga ctctgttgtg attgttgaag aaaggagaag gccaaggaga  240
 aatgggagga ggtta                                                   255
Name: N102                  Len:   255  Check:     1AAB
 acaggtgcct gtgctatgat gggttcatgg cgtctgaaaa catgaaaact tgtgttgatg   60
 tcnatgaatg tgacctgaat cccaacatct gcctcagtgg gacctgcgaa aacactanag  120
 gctccttcat ctgccactgt gatatgggct actcntggaa aaaaggaana acgggctgca  180
 caaatatcaa tgaatgtgan attggagcac acaactgtgg caaacatgct gtgtgcacaa  240
 atacagcagg gaact                                                   255
Name: N103                  Len:   255  Check:     1266
 actaaagcaa cttgctgact gctgctttct ttctcttata cagaattggc agaggggctc   60
 gatttgggag gaaaggtgtg gctataaact ttgttactga agaagacaag aggattcttc  120
 gtgacattga gactttctac aatactacag tggaggaaat gcccatgaat gtggctgacc  180
 taatttaatt cctgggatga gatagtttgg aatgcagtgc tcgctgttgc tgaataggcg  240
 atcacaacgt gcatt                                                   255
Name: N104                  Len:   255  Check:     B7B
 acatgatgac tccacaatag ttgaagctaa gctatctgaa gctatagagc ctgaagttgg   60
 gccttgcggt ggttctgctc atgttgancc ctgtgatgat tccactcaca tttctgtgca  120
 agaggaaaac aagtcgtctg tcagtcattg cctccttgat ggctctacag ttcctgagga  180
 aggcttattt agccaaaaga gtttccttgt tttgggtttt agtgttgaaa atgaatgtaa  240
 tattgtaaac atcat                                                   255
Name: N105                  Len:   255  Check:     135F
 acgcaacta ccatgctcgg ccctttttctg tgcggttttc caggctgcag ataaaaccgg   60
 ccgatctata ctgccggctc caatctgcag aattcaggac accttgccaa aagcaatgaa  120
 ggcctggctg gactcttgtt agagtgctga acggtggggg tctttacagt tccagtggac  180
 tagggaaagg gatgttgaac gaattaggtt tgcaaagggg ccggaacttt tgtttgtctg  240
 tttgttctgt tttgt                                                   255
Name: N106                  Len:   255  Check:     C55
 acagtcaaat gaacaactgt ccaatctgtc atcctaattt ggatatgtgt gttaatagag   60
 gtttgctatt tttccaggag ggtttttttta agtacaaatt tctataaaag tgtttccatt  120
 atattagcac nccctacccg ataaatcaca tgatttttgt ttcaaatttc aaccttaaaa  180
 ctaccttcaa ccgtgcttat cctatcaaaa tattatactc taaagacatt tgaaacctaa  240
 aactgctcat tgtat                                                   255
Name: N107                  Len:   255  Check:     D7F
 acagttaata cattctacac aaaaacattg caatatttgc cactattgcn ggcaataatt   60
 acatgaaaca gtttaacagt ttatggggtg gtcacagtgc acatattact agcaactagg  120
 gctaagaagg aatcatttag tgttaaagtt ttattggaat ttggccaggc agtcnatgct  180
 atagttagta aacncatttg gagacaaata tcagagtagc tcaagccatt tgcaatctga  240
 aatgattcct atatg                                                   255
Name: N108                  Len:   255  Check:     6B5
 gacgcagtac aagtccaagt ttgctgacct ctctgaggct gccaaccgga acaacgatgc   60
 cctgcgccag gcaaagcagg agtcaaacga ataccggaga caggtgcagt cactcacctg  120
```

cgaagtggat gcccttaaag gcactaatga gtcgctggag cgccagatgc gtgaaatgga 180
agagaatttt gcccttgaag ctgctaacta ccaagacact attggccgcc tgcaggatga 240
gatccagaac atgaa 255

Name: N109 Len: 255 Check: 1108
gttgtataat gtaaatttat ttctccaaat tgagagtgat ttttaaaaat tttttatctt 60
tatatggttt cagaagtatg aaccagcttt cttttttatta ttgtgggaaa cattttgttt 120
tataacatag ttgttgactc tgttaataat ggacatgcta ggatctggat cactttcaat 180
tgaagtcagg gtattgtgca tagtgagtaa aaagtgttgg gactgaaaat tgattaccac 240
agaaggccaa tgcct 255

Name: N11 Len: 255 Check: 62C
acaagctttt ttttttttt tttttttttt tttttttttt atttcatact ctttattgcc 60
aagagttcaa aatggtcaac ataaaaaaaa aagacatctt gataataaat actgctcttg 120
gggctgtaat aaataaaaag ttcattaaca aggaatgcac ttttccagcc acaagtgtat 180
tcaaaaataa ccaaaaaaaa aatatgtatg gccatagttc acagttaagc agccaaacaa 240
aagctgctct gattg 255

Name: N110 Len: 255 Check: 2682
acattgtttt accctgtatt cattaagaca tttcctgaaa agtagcctaa cctatgccaa 60
tattagctac ttgacaccat gtgaaactaa cttgtttttc ttcgtgtgta tgtgtgggga 120
gagagaggag gggggacaga cagacagaca gggtgacttt gggtgtgaga tatggatgct 180
atgtaggcca cactggccta gaactaaaaa atctgcctgt ctctgtgtcc cagttgctag 240
gattaggtat ccgct 255

Name: N111 Len: 255 Check: 2697
acacagcttt aattccagca ctctacagaa taagttccag aatagccagg gctatgtaga 60
gaggccctgt ctcaaatcaa aacaaaagtg gggttggagg gaggagtggt gaatatgtgt 120
ctcagagtaa ttccatctct agaaacagtc agtctcaggt cagtctgtgt gggtaggagg 180
tgaagggtga attgagtcag gatgccaccc agagccaaca gacagtcttt tgactataat 240
gaaagccagt taatt 255

Name: N112 Len: 255 Check: 10AF
acaaatttac attcaggagg aatgttaaaa aaaaaaattc aactaaaaaa accacttctt 60
cctgtgaccc ataatcccaa cattttacag tgcaggggag agggaggctt gggggagcat 120
ccaaaacaag tctctcaaaa gaaataactt taaaatgtca cattccctct ccacacagga 180
ttcatagtga gggtataatt acaattcatc cttctctgta ggttcctttt ctgtttcctg 240
ttcttcttct tcttc 255

Name: N113 Len: 255 Check: 22A
accaccacaa acccttcagg ggagactctg ttcttagaac agggaatccc tttcctcttg 60
ccctgactgg agtggcaagg aggtgttctg agctgagcgg ctgttccggc accagcagcc 120
actctgacag ggcagacaga gcaggagtgc attggtgtct ctagggactg ctggcctttg 180
agctgctgac cttcccctcc tcccatagag gcttgggaag gaaaatgagc gggcagcatt 240
aagagctgct agtga 255

Name: N114 Len: 255 Check: 20D
acaagaaaca tcgggagtga atactgaaga gctgcaagtt tctcaaaatc caaaggaatg 60
aaccaaaaaa aaaataaaaa ataaaaataa ataaaaaaat gtgttttccg atgttcaaat 120
ttcctcttta agcgcaggta agaaaaaaaa gagcaaatat attaagtcaa ccaatttttа 180
aaagtgcaat ttacctttat aacaatgaaa attaacaaca aacccaaaat accgacccct 240
aaccccaaag acaaa 255

Name: N115 Len: 255 Check: 1A84
acagctggac cttagtaaag ctcagttcca cagtggccta tacactgaan catgctttgt 60
gctggccgaa ggttgctttg aaaatcaagt gtttcatgcc aatgcctttg gatttcctcc 120
cacggagccc tctagcacca caagggcata ctatggaaat attaattttt ttggagggcc 180
ttctaatgcg tcagtgaagg cttctgcaaa actgagacag ctggaagagg agaacaagga 240
cgccatgttt gtgat 255

Name: N116 Len: 255 Check: 2300
acaacactga ctttttagac acgacagtag ttttaagttt attgacactt aaactctttc 60
ttcttgatcc aaaattcttt actcagtcac acaacaaatg aggtaatatt tgtatataag 120
ttccaccttt gtctcttttg ggaaaatgaa ataaaaanng ttgattgtgt tttcttctcc 180
ctggaaatag gcagaagggg tggggtgggt gagccttgga gggctcaggc ttcctttgca 240
ggaaaggcaa atgca 255

Name: N117 Len: 255 Check: 835
accccaatac ttcccttcaa gttgtagaaa atggtaaaga aagggcgtgt ccaggctgtt 60
tatcagtcca gggaaaaata gaaatctccc taaaaggcag ggacctgaag gaatggtggg 120
caaaggtata ttggaatcgc tcatttgttt gtgaattttt ttattgaacc cacctactca 180
aagctagggc accccggacc tttggcccat ccacaccgtt ctccatctgg gggactaacc 240
ctgtttcaaa accag 255

Name: N118 Len: 255 Check: 2628
tttttttttt tttttttttt tttttttttt ttatanaaac gttctttaat tagtgaaaca 60
gttcattgta ttatgggtaa aaataaaacc aggtcaggaa gcacagcaaa cgaaccaacg 120
ctgtaagcta cacaaaaaac attctggtca gccttttttaa agccaggcac aagaaattca 180
caccattaac aatgaacgct cagagggcct ttcgaaaaat tcacacggca aacaacaagt 240
taaaaaatta tcccc 255

Name: N119 Len: 255 Check: D5A
ttngacaaaa ttcaacaccc cttcntgata aaagtcctgg anagaatagg aattcaaggc 60
ccatacctaa acatagtaaa agccatatac agcaaaccag ttgctaacat taaactaaat 120
ggagagaaac ttgaagcaat cccactaaaa tcagggacta gacaaggctg cccactctct 180
ccctacttat tcaatatagt tcttgaagtt gtagccagag caatcagaca acaaaaggag 240
gtcaagggga tacag 255

Name: N12 Len: 255 Check: 1201
accatcacag tgaccagaag ggtcacagcc tacactgtgg atgtgaccgg tcgggaagga 60
gtgaaggaca ttgacatcag cagccctgaa ttcatgatca agataccgag gcacgaagtg 120
actgaaattt ccaacacaga tgtggaaacc cagcctggga aaacagtgat ccgactgccg 180
tcgggatccg gggcagcctc tccaaccacg ggctctgctg tggatatccg ggcaggtgcc 240
atttctgcct cagga 255

Name: N120 Len: 168 Check: 194E
acaagctttt tttttttttt tttttttttt tttttttttt ttttgttttt ttttttttct 60
tttttttttt tttacacaag acagaacttt attaatggaa ggcttcttgg tgaggagtgt 120
gtgggcccca gggcagggct tgttagcacc atgatggggg atggcctg 168

Name: N121 Len: 255 Check: 1F10
aagtggctct gcttaatcac cacagaagtc ctgatgaagc caaaggaaac cagaggctga 60
cagaaatgaa aaaggaaaac agcagacaca gcggacctac cctgtgtcct tgccaccagc 120
tacttactca caggtgaagc agaaattcta tttaaccagc aagtttctgc ttttttaaagt 180
tactttcaca ttaccaacat cagggaaatg aagagagggt gtgttttgct ttgggttatg 240
gtcacgaact aacta 255

Name: N122 Len: 255 Check: 15CC
acaagcctgt gagagaggat gaagaaagta gtaaagattg tgttggtggc aaacgggggа 60
gagcacaaac agctccaacc aaaacttccc ccagaaacgc aaagaaacac gatgagttat 120
ggcatgatgg agtttgccca tcagtagcaa atcctttaga agtttacctc attcccacac 180
caccagaaaa tatcaccttc gaagacccat ccttagatgt aatactactt ttaagagttt 240
tacatgccat cagtc 255

Name: N123 Len: 250 Check: 1127
acattcacca ttggccagcc cacagcagga agtgtgttag gagctcagcg gagacttctc 60
caaaaacaca acagttttct gggctctgtg tcagttacat tacatttta agcaacacgt 120
aatctgtaaa attgtcccaa gacatccatt cctctaaccg tttccatacc ccatcccagc 180
cccgagcctc tgtgaaggcc acgggctctc agtgctcccc gttactgatg acagccgact 240
caggttcgcc 250

Name: N124 Len: 255 Check: 25B9
actttcttctt caagagggtc actccgagga gcataactat agaaaaacaa acgacagtaa 60
aaactcaagg ccccattggt gtcagtgacc ccaacatcct cctcctgaga gccacatcaa 120
gactgaagga gaaacatttg agaaagaagc cttccagaag gcgaggtggg aggggtgtca 180
cgctggcccc tagataaaga tgattgagca acagggcttg agtagtagct aggtggaaaa 240
aagagaggac aaaag 255

Name: N125 Len: 162 Check: 26CD
cggcttaccg tggtcccggc cgatgtacac atttctgatg aaattcatta gcacaataaa 60
aatttcatct tgagaaaaca gccacaacaa aagtaattta taccatataa aacaatgaca 120
ggtctacagg tgcagttact catgagttta cacatgcatt ca 162

Name: N126 Len: 255 Check: 61F
actgcaatga ctgctatctc cgattcaaat ctggccggcc aacagccatg tgacgtaagc 60
ctccactcaa aagcactgtt gcagatanaa nangagacgg tagtcactga ggcagaacta 120
taaaaaatgg tgtatgtttt ccccttcttt taaaaaaaaa aaaaaaagaa taatctttgc 180
ctcgttagat gacataggaa cactgtggtg ttggtaggac ctgtattttt gttgtttatt 240
tataagaagg taatt 255

Name: N127 Len: 255 Check: 13A6
acagttttcc cccttaaaga ttaaaaacaa aaccaaactc agtctaggcg taagaccaaa 60
cacaatgaaa agctcactaa ctagattagg aacagatgat gctggtgtga atagcttgtt 120
gttttacttt agagcccctta aagaaaatcc ccgttagtgt tttgtgttac cagccagagg 180
gtcaggggtt agtgaacatg tggtaaaatg aggacttatg caaggtttaa tacgcatagc 240
attcttctac tttgt 255

Name: N128 Len: 236 Check: 3C9

acatatgtgg gactgatacc gggtcagcgg ctgctcatga gagagccacg aggcctggtg 60
agagctggct ggaaggggct ggactggagg ggctggcggt tcgcagcaga gcgggactat 120
ctgaagaaaa taattctcta ttatttttat taccacatgc ttctttctga ttctaaaata 180
tggaaaataa aatatttaca gaaaaaaaaa aaaaaaaaaa aaaaaaaaaa agcttg 236

Name: N129 Len: 177 Check: D29
acgttgtatg ttgggaatct ttcctttttat acaacagaag aacagattta tgagctcttc 60
agcaaaagtg gggacataaa gaagatcatc atgggtctgg acaagatgaa gaaaacagcg 120
tgtgggttct gtttcgtgga atactattca agagcagatg cagagaacgc aatgcgg 177

Name: N13 Len: 250 Check: 2201
acatggacat ggtcaaggag cggatcgacc gcttcggtgg atataaatct ccgaggtgcg 60
aggcacctgg taatggatga catgctgaac tttaggaata tccagacccc gagctgccac 120
gtctgttgcc aagagaacac agtcttccag ccgagcaaac tgctccaggt ttctgagcct 180
ttgcttctgg tgcatgcagg catgcagggt cagtggcatg atatccaaga ccttgaggag 240
cccagagggg 250

Name: N130 Len: 255 Check: F01
acaatagcaa aagtaggcta ggtcgccttt ccttggtcta cgttattccc tgtctaggct 60
ttgggatttg aaattctcga caccccacga ggggaaaccc cacggcttgt gtttcctcgc 120
aattggctgt aactgccccc ttggccatgc taaggttctt taaaaacagg gtcattctgt 180
gttcattctt ctgccccaac cctactatga aacaagataa ccccctgtgt ttctaaatgt 240
atcaagggat accac 255

Name: N131 Len: 255 Check: 1430
acaaagattt cttcatcttt ggcactgttg gacagaagtc attcactccc acttttgtaa 60
ttgaattatt atgaaggaag attatctgga ggtattttcaa ctcctgtaat cctgaaggga 120
ttttttttag tttattgtgt tccaagtgga tctctctcac acgtggtata ttagcaaaag 180
ttccatttic aatatctgtg attttgttgt ttccaagacc cagcctctgc agttccttgt 240
atcgtttaaa atctt 255

Name: N132 Len: 250 Check: 235D
actattgttt gaggttaggg ggtggaatcg gattattagg aagatccctg ccacaactat 60
tgtgcttgag tgtagtaggg cagagacggg agttgggcct tctatagctg atgggagtca 120
tggatgaagt ccgaattggg cggatttttcc tgtggctgca attagtagtc ctgtgagagg 180
gactagattg ttggtgttgg ttaagaaaat ttgttggagt tctcaggagt ttatgtttag 240
gcagaatcag 250

Name: N133 Len: 255 Check: 10A8
acagtttgga gcccaggctt cgaggggcca aaggaggttt cgggtctatg cttcgagcac 60
ttggtgcaca gattgagaag acaaccaatc gagaagcttg ccgggatctc agtgggagga 120
gattacgaga tgtcaatcat ganaaagcga tggccgagtg ggtaaaacag caagctgagc 180
gagaggctga aaaggagcaa aggcgcctgg agagactgca gcgaaagctt gcagagcctg 240
cacactgctt tgcca 255

Name: N134 Len: 223 Check: 4FC
actagagatg agtcccagag aatgataggt cgaggccggc catcttggat gaactctaat 60
ttcctgctca cagatggcag ggncctgttg agacccagga tcctgtccag gtggaaggca 120
aacacttcac tcatgtccag aggttgcttg anaagcccac aggggctagg gccgcagcca 180
ggcacagagc ctgaggngct tccttccaac atcagcaagc ggg 223

Name: N135 Len: 255 Check: 1845
acacttggca agagggctgg atcactggcc tgggtaggtg ggtcccgtgc ctcctgggga 60
gacagattgc acaggcgggt tctctgcatg tctctggctt cttcctgagt tctcacagtt 120
ttttctctaa ctgccctgct cattactggc tgcctcagca cgaggtctgt atcatgttgt 180
tctcacgtta ccctgacagc atacaggacg gggagtaggg cacattcaca gtgttcacag 240
tcagcagaca tggtg 255

Name: N136 Len: 250 Check: C54
acctgcggct gggcttggag aagtcaccct actgccacct cttagacaac agccactggg 60
cagagatctg tgagaccttt actcggggtg catgctccct cctggggctt tcagtggagt 120
ccccactcag tgtcagcttt gcttctggct gtgtggcact gccagtgctg atgaacatta 180
aagctgtgat cgaacagagg cagtgcactg gagtgtggag tcacaaggat gagttgccga 240
ttgagattga 250

Name: N137 Len: 255 Check: 10EC
actagtttct gctagacgcc cacactacgg catgtttctt tggttcagat tgcctagctt 60
gatgctagtt caggaaggat tacgtctcca tttgtgttag tatgctgtgc tcagctccat 120
ggatagggac cacgtggcag ccatctggat tgtcaatagc tggggataaa aatcccaagg 180
aggacataag cagaaaaagg agcaatactt cctggttgga accaaactca aaccagagat 240
cttaatgcac cagac 255

Name: N138 Len: 250 Check: CDF
actcactgga acatttaccc tgtgcttggt ggtgtattct taaagccaat ccctgggaaa 60

```
taggtggtat aatgagtagt atcatcttac tacttgccca agtttgcaca cctactaaat  120
aagtcaatgg aattcaagcc taattctgtc tggcttttct actggattgc tcttcctcat  180
tacatgaaac tacaataaac agtttatagt tatactagcc ttttataatg aattcagagt  240
ttgatacgtt                                                         250
Name: N139                Len:   255  Check:     1E1B
accaaagccc agtgggatag agatgggtca ggagacctgg gccctgaagg tcacactttt   60
cagaactact aagtgtgccc aaagggcaaa aaactcaaga gggagggcat tctgagctgt  120
gtgagttttc aaactcacaa gataaaacgc aaactcccaa gaagcatgtg attcaaaaag  180
ttaccacctt cttttggttt ctgaccctgt cttaggctgc aggttgccag accaggctgg  240
ttgacttctg agata                                                   255
Name: N14                 Len:   255  Check:     7BF
acttccagcg gatcttggcc aggatatgtt tgtctttgat gatatactcg taggtggtca   60
ataagacatt gaacttgccg ctgcgaagct gggggacaaa agctcgtctg gcagctggag  120
agcccttgta ggaaaccttc accacagagg gggcccactt gtcaaacttca tatgcccagt  180
ttgacagcgt cctgaaggga aaggaaggga tagtcaggtt ctacactagg caatagtgaa  240
gccaacaggc ctggt                                                   255
Name: N140                Len:   255  Check:     25B2
acatttggtg attatgatat tgcaatgtag cagatccaac attattctca aatcaagatg   60
ttaaattatg ttttgttttg tcttccatta aatgcaggtg aatgtgttca gatgtaaaat  120
atgttttgct gaatgtggac agtttataca cataacacat attcttctg aaatgactct  180
gtatataagg caggtgtggt tgtgcatgcc tgtaattcca gcagttggga gatagaggtc  240
aggatcattc aaggc                                                   255
Name: N141                Len:   255  Check:     23FF
acctttccta agaactttga cttaaggtcc ctaatgggtg agaagaacca acacagaacc   60
aaactgactc gcacgtccct agcaggggtt ccggttcttg tcgcatgtgg gtgggaaaca  120
ctactaactc tgaccttcca tacctcatgg ggagcacagg gtcccctgctg ggtctcccca  180
ctggacacag tgccaaggac agcccccacac atcgggtatt gggtccccctg tgtttttccc  240
gtctttccaa agtct                                                   255
Name: N142                Len:   255  Check:     1C0C
acaggttact gcttagatac tacagggaag agtgcagaga ctgctccagc cctggaccag   60
acaccaagct ctatccattc atataccatg ctgccgagtc cagtgcagag acctccgacc  120
agccaggaca gaggacgggc accigaggac ccaagatgag actttcctgc agagagacat  180
cccgtttgag atgtgggatg aactgactta atctgatcta aatctgtata taatccacat  240
ttgtaatcaa ggatg                                                   255
Name: N143                Len:   255  Check:     5CC
acaaattgct tctgaggcat tatttgccct aaaatatagn gggctttttgt tttgagactg   60
ggtttcactc tatagcccag gctggccttg aacttgccgc tgngtccttg cctcagtttc  120
tcagcttcag gattatggac agaaatcacc atgcctggca tgtaactatt tttgaggctg  180
aaatagctaa tgaaaagccc tatctagatc cagatttttat atgacatcaa attagggaag  240
tggagggaat tattt                                                   255
Name: N144                Len:   255  Check:     16CF
acactttctc attgacaact cccacggtgg gaagacagtt tattacttag tcttactttt   60
tttggacagc tcattcctgc acaagtgaga gacatttgaa gagtaagtct gtttgcgatc  120
tgtcatattt gaacccttct acaaaggaga gctccctaaa ttgaacttcc cgaaatctaa  180
ctttcctcaa tttccttcct aagacttaaa aacatcagta attgagggca tctcctgatt  240
aaaagtcccc tagaa                                                   255
Name: N145                Len:   251  Check:     8A2
ggaaaagctt gctctaccag gctgccccgg gaagccgact tgtctctgac ttggttgagg   60
tcggggttct gactttctgc accctcgtgt taggtgattt gtgttaatgt atgaaacccc  120
agagcacgtt gggccacctg tggcatcaag actgcaactt gacaatcacg gtttgctgat  180
ctcaaacggg cgctgaaaac tcagtctggg tgtgtgactt aacgattgag cccgcccttc  240
tgtttgtcag t                                                       251
Name: N146                Len:   255  Check:     25B
acaagctttt ttttttttt ttttttttt ttttttagc aaatatcttc aatattttat   60
tttataggaa ctaaatgggg atacaatata aaagcattca tcacacttat tttccaactt  120
gaaaagaatc aaggactgat atatattcct caggcacata agaaatgact tattaaaaag  180
tgaaaaccag gtgcttgctc acagtctagc actgccagga gggatagcac acacctgtaa  240
ccctagctct gggga                                                   255
Name: N147                Len:   255  Check:     2329
acacatcttt aatcccagca cttaacagat agatggatct ctaagttctg aggctagcct   60
ggtctacaga ctgcgttcta gaatagccag ggctacacag ggaaagaaac cctgtctcaa  120
aacacccctc ccacttccct agttttttctt gttttttggtt gtcttaacaa aggggtgtaa  180
atgctactaa tcattcaaca caggccagac ccaaagacaa gccaggccag cagtggtagt  240
```

gccaaaggtt ttctc 255

Name: N148 Len: 255 Check: AB
gtcgggcggc ttctgttgct tcccatcttc gagggtttca tttcgaaccc ttcccctgcgt 60
ggaggagggc ctgctgacgg ccgattcctt tgcagcagaa gaaactctta aatttctggaa 120
atagcgactc agtatcatgg ccagccgcat taatgaagat ccagaaggaa gtcgaatcac 180
ttatgtgaaa ggagatcttt tcgcatgccc caaaacagac tccctagccc attgtatcag 240
tgaggattgt cgaat 255

Name: N149 Len: 255 Check: 1919
acatgatgct actgcttttg gctgtgtgct ctgccaagcc tttctttagc ccttcacaca 60
cagcactgaa gactatgatg ttgaaggata tggaagacac agatgatgag gacaacgatg 120
atgatgatga taatttctct tttccaacca aagagccagt gaaccccttt tttcctttcg 180
atttgtttcc gacatgccca tttgggtgcc aatgttactc tcgagtcgtc cactgttctg 240
atctaggttt gacat 255

Name: N15 Len: 255 Check: 217C
aagctttttt ttttttttct ttttttttct ttttgggga agtgaggatt tattaagaat 60
attaaaggcc aggaatttta ttttaaccat aaaccctaag tttttttta gtgcttcaaa 120
aatccattat catttaagac cagataaatt acatggctaa ccagctgtcc agtgctgagc 180
ctaaaaaata acctccaatg gaacaagacc gagctcagcc actgaaccaa ggggtgcagg 240
gtggtcacgc ctctc 255

Name: N150 Len: 255 Check: 16BC
cagattattc tcatggagac cagacatgca ttctttctgag ttacgttgcc aacctttctga 60
tacctatctg tattcacaag atatctgtca gacatttcat tcatatcacc atgtgtcgat 120
gtaacaatcc tctgtttttc agcatgggtg acttccaagt ccaaggccta gatccagttt 180
taactaccta cagtaaccct ccactgcagg cagacgggat ttcagttact tagcagaacc 240
ctaactgttc actgt 255

Name: N151 Len: 255 Check: 711
actcgccggc cactggaaac tgccaacagt gaacctcagc gtctcaagaa aacactgaag 60
aatttctatga attgtagcag tgaattggat tgtatttctt ggcatatttt gaagaaaatt 120
gggctattga aacatttttc cctcctgact gctgcttgaa tgtttcttgga agctgtttcg 180
tatgtatagg gttttttaaaa tgtgatttcct ttgtttgaat attaatggct ttttccatta 240
aagaataaaa tgata 255

Name: N152 Len: 250 Check: 1917
actgaggcgg gccagggaga tgtcagcatt ggtatcaagt gtaccccctgg agtagtgggc 60
cccactgagg ctgatattga ctttgatatc atccgtaatg acaatgacac cttcactgtg 120
aaatacacac cctgtggggc tggcagctat accatcatgg ttcttttttgc tgaccaggcc 180
acacccacca gccccatcag agtcaaagtg gagcctttc atgatgccag taaagtgaag 240
gctgaaggtc 250

Name: N153 Len: 255 Check: 224C
accctgaaga acaagttcta ctcttgccaa agaaatgcct ggcctggaga gctctcctga 60
aagccaggat gccgtcgtga gccatggacc gctgtgcacg cctctgcatg agaaaaagcc 120
atattggaag gtggccatat gccccgtgga ttctgtgtag gtcatgtgat tcggtttctg 180
tctccagctc catctgattt cgctctgtcc tgttcttctg ttggtccctc ccaagttgta 240
atttgtattg aaacc 255

Name: N154 Len: 255 Check: 1238
caaaaaacca tgcaataaat atactcaaac tctgagctcc caatgcgatg ctgacttcct 60
tatcacatta caagtcattt gtgatttttaa aaagttagct gccataaatt ttggaaaatg 120
ccagtgttta aaaagttaac tgtgctaaaa ataaaagttc agcagaacag aaattgaggg 180
tttcaaacta ttcaatgtta caaacaaaag tgtgaaatac cattctttgg tctagataag 240
ctgtttctctt tacat 255

Name: N155 Len: 255 Check: 1F07
tgacgacctc ttctaagggg tgaggggatt tcaggaatgg ttttactgag ccacgttact 60
tttaaagttc ttccttaacc actctgaatt taattggagg aagacttttt tttaaataag 120
aatatgcaag tgagcagggc cctgtgggcc ttcacctttg ttctcaacat actgtcanta 180
gtggccgtct cgtgggcatt gncgtctnct ctgattgtct gttttatgtc tgttttcttt 240
ggtctctgaa acctg 255

Name: N156 Len: 255 Check: 18F3
accagctaca acccaggatg gaggttgggc cagtcttatc gtcacgattt ggtcactatt 60
atgatgtatc aagaaggatt cctcaggagc tactagagag ttcgaattgg catggattct 120
tccttccaga acacaccccct ccaggtctta aaggagaacc ctgcttttttg tcctgtggct 180
acatgaagct gcttcagttc tttcagaaca tcatttatac tgaaggattt gatggagcta 240
atccccagaa aaaac 255

Name: N157 Len: 255 Check: 229C
actgcatcag tttcctatgc tggcatttct tgttcagtaa cttaaggact atcttgtctc 60

tcagttcaga gactaattat ccaggttaga ttgaccggtt tcactgcttc ttagcaacct 120
catagaagga tttgggaaag aaatgtaaaa cagtgcacct gctgtgtgcc taaccttgag 180
gagtcccggc taagtgctac ccgagctggg aaggagcttg ccactgaatc acagaagcct 240
ctttagtatt caggt 255

Name: N158 Len: 255 Check: 1480
acatgttgac agcaacttga ttggatactc taacgaagag atcaacaaaa aatccaccct 60
ttcttttctga aatttcctct agtaactcca taagtttagc agccaagcca agacggcgga 120
attcaggggc gacagacaga gctgtgacat gtccatgcca ctctttccct gctactgagc 180
cttctgcttt gcccataata taacccatta gctctccgcc aggtgcctcg gcaacgatga 240
aatactccgg ccagt 255

Name: N159 Len: 255 Check: 1397
acttcattgc tctattcaat taagctctct attcttaatt tactactaaa tcctcctttg 60
tcctttagtt tcataaaggg tttcgtaatg ttctctgtgga aaagaaaatg tagcccattt 120
ctttccgctt cattggctac accttgaccc aacgttttta tgttngtttct tgngcttact 180
ttagtgcctt tttagggttt gctgaagatg gcggtatata ggctgaatta gcgagaaggg 240
gtaaggtaga acggg 255

Name: N16 Len: 255 Check: 148A
acttacctgg tggctccccc gtggttcttc tgggtgcaag agtgtccggg tcacagaaag 60
ctatttcatc tggtggccaa aaaagagtga cttcaaggcg ttcagcagat atgcagtctt 120
caaatacaga catttctttt aaaaccagga aaaggctaaa cttcgaagat aaagttattt 180
cgaacacagc agaaatagag agcagtgcat cacaagtaga ggatagcata tccgaggaac 240
aagaagggac atcat 255

Name: N160 Len: 255 Check: CA9
acatcttcta gttttaataa gtccacgtat gatctaaggg tggtcttcct catacagtat 60
gtatgaaaat caaactggtc atcggtgatt tctataaaat gtctctcaat ttcgtggcat 120
ttcttaagtg cttcaccaaa tttgttcatt gctttgtatg cctgggcaca ttctgtctgg 180
aaccacatac actgcatctc attcaggttc tctaccgctg atgttccttc ccttgtaaac 240
ttggaacaca tttct 255

Name: N161 Len: 250 Check: 40C
actcatttct tcacttaata taggaaagct ggctacacaa agcatcgaga gattaaaatc 60
ttgctgaaac atgcgaactg gaagagctca gttacttcaa ctttgatttc caaacctaac 120
acctgactga agtaggtcac atcctttcaa cacattactt tatagacaaa tggctattat 180
ttggaggcaa cccaagatag gtaaaactgc tactgtcttg gaggctcatt tatttctctg 240
acccagcagg 250

Name: N162 Len: 255 Check: B3
acaccgagat tcctatcagt gctttcttca gcctctatta cttcacggtt tagggacatc 60
agttatcatt tcctgcatca ggaccaaact caaactgtca tcactgaatg gccgtaataa 120
ggaagttaaa acttttcagt ctgtgtgtat agcagttgtg ctatttttaa agcactcctt 180
gaccatcact gccactgttc cctgtgaggg agcgcaagac tctgtttctt tagggttgtt 240
actttagagg atgtg 255

Name: N163 Len: 255 Check: 1C43
acaactcatt ttgcgccaat tttcacaagt gtttgtctta gtctaaatga gaagtgcaaa 60
ggtttttata ctctgggatg caaccgacat gttcaaatgc ttgaaatccc acaaatgtta 120
gaccaatttt aagtttctta agttatttcc tttaaagtat atattaaact gaaacctaag 180
tagactgcat tgactaacca gtcactctgg atggtggtgg aactgaagca tgcttttact 240
tctaagactg tctaa 255

Name: N164 Len: 250 Check: 18AF
acaaagttag tgggatgcct attttttatg taaggcgggt atcacccaac cggaagaagt 60
cttctctccc tcgagttctg ttgccttatg tataaaactg cacccagctt gcttagagaa 120
gttgccttca tcagagaaga ctccattaat tcagtgtccc aatggcgtcc tagggaggca 180
gcaggcattt tgtttttccc agtaagagct gaatccttta aaaacttaag aaactacttt 240
tggcttcctg 250

Name: N165 Len: 255 Check: E6D
acttactgga ccatgagcag actttccagg tctcgtgctt gctaagctgc cattactggc 60
cggtgttagg gccaggcttc attacagtgt gatgtgctgt gcagcacaac taaatggaca 120
tggagttctg cagcagaaaa gccgcattgt gtctttgaac ttgctggatt caaacactgc 180
actttgtaaa caaatgacca gttttttact tgtgggtgtg ttttttaagt aggtatatat 240
gtaaattggg tttga 255

Name: N166 Len: 255 Check: 995
acatatttac agacattgtg taaactgttc ggttgactta accaacatca gctgatgaaa 60
acgagcgtgc atctaagtga tgcttttatc aaaatagtgt tttggtttgt gttttgccgt 120
aagagctcca ggccctgctt ccttgtatga aaggctcccc agtttaaaaa gagttctgag 180
tgcacacagc taatgggatg ggtctgttag gcatttccat ctgatactgg atatggcttc 240

attcttgtaa gagac 255

Name: N167 Len: 149 Check: A6F

accattagtg ttagtagtgt ccctgcttct tgatcctaca tctcagattc tggaacagga 60
aatcttcact aagcctgctg tggcctgagg gaagcacctc aaggaagagg catccactct 120
gaagttttag tgagtccaca tggggtttg 149

Name: N168 Len: 255 Check: 23F9

accctatatt ttgcccatag tgccattagt agattagaga ttaaagtcac ttttaacttt 60
acaaagttaa cttgtatatg ttctgttctc ggtcgttagt tctctcaaaa tcaaatgaat 120
tcagagggaa cttgtctggc tgcttttgtt tcaactgcag gcagtggagc agaaggacgc 180
cgcgtggcac taaagtgaac tgttgcgtgt taacagtttt atacagagac tgagccattt 240
tggatgactc aaaat 255

Name: N169 Len: 255 Check: 905

actctcacga tgatcatgtt ttcaaacctg gccccagctg tgtatggttc agtgaggttt 60
agcagtcact tgaaaaatgc cctgggctca ttccaggcca gacactatag gtttctttac 120
aatctggagt tttctaaagc atgggcaaat ggggcttttg tcaaaacaac actcctttga 180
aggaagtgac atcagacaag agctcactat ctggtgccag tctgcgggca ccatccccaa 240
acaagagtgc ttttg 255

Name: N17 Len: 109 Check: 85E

ggcttcatca ccactcggta gttgtaattt cgccttttat cagaagctga tacattttca 60
tcagcatcgg atcgaatttc tatgtattca atatcttgcc cacgatagg 109

Name: N170 Len: 250 Check: 4DD

actaggactg gtaagggagt tctgtgcata caaaattatt actttcgttg agagcaggtt 60
tgcaccagga cttcctagta tggccttctgt cttctgggca acgattattt tcctctggga 120
aaggaaccctg cggctccctc acagtgatgc aggaaagcta aatgctgcac cctcctctca 180
aatccatata acaagccaca gacctcagcc ctctctacag ccccacacgg gtggtgtcag 240
cagcaagctg 250

Name: N171 Len: 255 Check: 8BD

actgtaacgt agttaaattc tctcactaag aaggtcacac acccacgggg aaaccatatt 60
ggtgttgttt tgttgggtgg ttgtgttgtc aaactgcctt ctaaatatgt ctgataatat 120
catagattgt gctgcttcca atcttgtcca ggaaacctag ggcactcata cggtagtgtg 180
tgtcacccaa tgcagtcatg ttactgctca aagtgctgag aatgagtaac cgtgagtggt 240
caatggtggc tggga 255

Name: N172 Len: 255 Check: 1B43

accagtcatg tatatgttat tatatgatta gccacaggtt tttgaaaata tataattacc 60
ttatatcctt aagtccttaa aagattctgc acacattcta attctactgt tctagaccag 120
catttctagga tgtgtgtaac aacccctcat aggccctagg agccttttag gctataatag 180
ttttaaatat tcacaccctt gactagcagt gggttgtggt gtattttgct ttttttttta 240
aggnnttttt agatt 255

Name: N173 Len: 255 Check: 120D

acaaaataaa gctggctact aaagccatac catggttaac gcagaaggaa caaggctgtc 60
atggagtccg tgaagggaag ccagatcaaa tgacacagtc cagggcaga gagcacaaac 120
ccgtcctttct cagacacact tttgaatgtg ttagagaaag tctgggtgga ctttataagg 180
ccgtcataac tgttaccgcg caggctgctt gggaaaactg atgccggttt tgagtcccac 240
cgtgaagcga tgcgg 255

Name: N174 Len: 250 Check: 4C0

acctcggtga cgcgtggctg aatgtcacat cagtcacatg cgtgctatgg ctctcattca 60
ctgaaaccat gacaaggatc tcagagtgcg ctttaaataa gggaccgcat gaagaagcag 120
aggcaacagg aggcgtgatg tggatctaga ctgatggcaa gaaatctttta ttttccatta 180
aggaaataag tgggaaatca tttttaagaa ggaaggtcaa cagaaataga agtgtgctat 240
ttagaacatg 250

Name: N175 Len: 250 Check: 1900

acaggtgtat tttacaattt ttgtttaatt aaaaatgtta atatattaat aatcaacctg 60
gtcaaaacct ttcaggtttc ttcgttttgag tcagtcgcct tgattcagaa tgtcacgagc 120
cttatgatat catgctgagg cgccttgcaa atccgacaat taacgatcct cctagacctt 180
gaggtgatca gcataagagg ccagatcccc tcgagtcatc tacacctagc ttcaccttat 240
tctttaaagg 250

Name: N176 Len: 250 Check: 21C

acagccttgc cgaagctgct tttaaaacaa aaggcaagga agtcttcctt ttttagtttt 60
tttaaacaaa caaaaagtaa tgactctttc tcatctgtta caagatttca aatcttttat 120
cagcattttc cctcataaag ggctttactt cttctgaaaa catttataaa aaccaggtca 180
acgagaccaa atgtatgaca ggtgacttca gagcgacctt tcttgcttcg taactgcgaa 240
gaacgggctt 250

Name: N177 Len: 250 Check: 27F

acatgctttc ccatggagtc tcactaaggc acagaacgct atgctgaata aagacggtat 60
aggacaaaac tgaactatct ttctgagagc aaaacctata tcagcaaagt caagaactgt 120
cctaaaaata ggggcatcac gtttgtaaat gttttacagt ctgaactcca tgtcacgtaa 180
ataagcaagc taagtgaaca ccgggtccac tgaggaaggt cctttattcc caagcatgtc 240
cattgagcgt 250

Name: N178 Len: 255 Check: 180D
acctctcttt gactaagatg actaagatgg cccttggtct agtggggaac agtgggcatc 60
tgccctcaca gatgacacct cacaacaaca cctcagattc ccgtgttcca aaggcagcaa 120
caattttgct attttcgtta actttcacaa aggcaccccc aaatacccac aacagaagtt 180
accccggttt tgtctacagt gactgcctgt gggccacgcc atctaaactg agagggggaa 240
agattctatg ttcaa 255

Name: N179 Len: 255 Check: 2453
actcctcagt agccatagca gttgtatacc caaatacaac caacatccca cccaaataaa 60
ttaaaaatac tattaaacct aaaaacgaac cccaaaacca taaaactatt aagcacccaa 120
tacatccact aacaatcaat ccaaacccac cataaatagg tgaaggcttc aacgccaacc 180
ctagacaacc agtcaaaaac agtaaacttа aaataaacat ataatttgtc attatttcta 240
cacagcattt aactg 255

Name: N18 Len: 251 Check: 178D
accagaggcg aggatcgctt cagctctggc agtttctggt agctcttctg gatgaccctt 60
caaattctca ttttattgcc tggactgggc gaggcatgga atttaaactg attgagcctg 120
aagaggtggc ccgacgttgg ggcattcaga agaacaggcc agctatgaac tatgacaaac 180
ttagccgttc tctccgctat tattatgaga agggaatcat gcaaaaggtg gctggagata 240
gatatgtcta c 251

Name: N180 Len: 255 Check: 1A2E
actatgacga gatcatcaat gctttggaag aagaccctgc agcccaaaag atgcagttgg 60
ccttccgcct gcaacagatt gccgctgcgc tcgaaaataa ggttacagac ctctgaccat 120
cagtgctgcc tcaggattca gtagaggatg cacccaaggc ttctggagag cgtgtggtga 180
acccacctct tgtagactat agcgtctttc tcctgagcaa tactgccccgg gcgcccgagt 240
cagcaccagc tccgt 255

Name: N181 Len: 250 Check: 74F
acagtggaga atggttttcc ttgctaacaa tatttgaact gctgtatttc tccttgagca 60
gtgcaagaat tttcttcaga gcagacaaga ctgcggctga agagaaccaa gaaaagaaag 120
agaaggaaga agaaactaaa atgagcaatg gagacggatc cgagagcact gtgtctgcgg 180
atcctgtcgt gaagtgatgg gatgcggtcg tcagacatgt cgtgctttcc agagactgac 240
atggatgcta 250

Name: N182 Len: 255 Check: 2389
gtgagctctg ctgggtaaag gactangcgg ctcggggagc tccgctagtt ggtgtttgac 60
gctctgtatc ataatcctca cttctgccct ctgtgtattc taggttgggg cttgtcccgc 120
acctaaggca agaggatggt ggctgcaaag aaaacgaaaa agtctctgga gtcaatcaac 180
tctcggctcc aacttgttat gaaaagtgga aagtactatg tcatctattc atttttttaaa 240
acattcatta agatt 255

Name: N183 Len: 255 Check: 45C
acaataccca attgataaca gcttgaaaga agtgcaatat tgaagttcaa atatttttaa 60
aagtgctgac tattttgact agaaatggaa atgagtccga ctcatttgta aaaataatgt 120
aggcggtgct ttagctagtc ctgtaagaac aaccaatcaa ggttgaagaa aagagcataa 180
cacattagaa ataccaaat tatgcttctc tgaaattaaa aaaaaatgga ttaaagaact 240
gagtattgct ttaat 255

Name: N184 Len: 250 Check: 24D0
accaggtgca caccgattgc aggttcttcc gaccacgtta gggcggcact ggcactggcc 60
tccattgggg tcacacacag aactcagaga tccctgaggg tcacattcac aagcgaggcc 120
tgcctggtgg atcaaggcag aaatgctgaa gatgatgttt ctgcagacat ctgtcatagg 180
tgttttcacc acactccggc tgttctccag acacctgtag cgctggaagg tttcccaggc 240
actgttggtg 250

Name: N185 Len: 251 Check: 2F4
acacagaagg ttgtgaaggg gggaggggta acgtggagct ggggcgcttc ctgacagaag 60
tggcagcaac cagcgtgacc tgtaagagat ccatgggtcc cccaaaatgc cccaggctcc 120
ccaaagataa tatattcact ctaaacttgg ccatctaagc caattcttct cagtgacctt 180
gaccttctaa ctcatcttgc cacccatatc ttcagagtga tcaaccacca taaaggtggc 240
cctagattgg g 251

Name: N186 Len: 250 Check: 450
acatacttaa ctgttagggc aggactccca ggtttactgt ttttacagag atcttagtat 60
ttcatcatgt aaataattta cctctccctg accttctatg ctttaccatt gcatgataat 120
atcatttcag gttatttaag agttaaatcc ctcaatgcca gtaattataa gtatacactg 180

aacatggcgt tcagcatatg ctacaaaatg gcactgtgtc ctttgctaaa aggcttcaag 240
aataatacac 250

Name: N187 Len: 255 Check: 8AB
acatttaacac ttgggatctc actttgatga tctactaggt ttgttatcag ccccctgaag 60
gcaaatcaag cttgcatgcg tccacataca gcaccacaac catactctct tacacagtca 120
ctccaggact aggagtctgc ttcatgcgtg aagagcccta gatttgaaag atgaacctgg 180
ctcttttctct accacgggag ccagacattc attcaacact gttcattcnt acactgcttc 240
acagcgaggc ctggg 255

Name: N188 Len: 251 Check: C7
ctttttttct ttttttttct ttttttttct ttttttgatt ttcaatgata 60
aacttttatt ctgaatatac tgtttttgcc caagatttaa cacaacattt tctgggatta 120
taaatatttt ttataacagt attatacaaa tttttacaaa atgggttcat ccgactagtt 180
aatttccaca aaagtgtcca gagaacataa taagggggag aaaaaaaatc tgttgttcac 240
aaaagccact t 251

Name: N189 Len: 250 Check: 1DB0
acaggcacat agcactagcc aaagattata ccttgattac attcccaaaa ggcagatatg 60
ctgcaaacat gcagagattt cattcagntt ggcacatgga actaaatttt gatcctagta 120
tatgtggatt ncaanttgct gtgcatattt ttgtccaatt ttactgaggg gagggcatat 180
acatttgttg ggctgtatct atccaattct gcctgtgaca aacacccaaa catcctaaaa 240
tatcattata 250

Name: N19 Len: 255 Check: 3DB
acaagctttt ttttttttct ttttttttct ttttggtaaa aatagtttta ttctccttca 60
aacataaacc atcactcttg gggaagggaa ggtggcaggg tggtccacgg ctcacttgaa 120
tggggtgggg ggagattaag aagtcccacc ccactgccta gctgagataa gattacatcc 180
ctaacactgt gtataaatat ctccttatat taaaacaatt tttcaggtcc cacttcactc 240
tacctcaagc tggga 255

Name: N190 Len: 250 Check: 952
acccatcaca atctctttag ttcttccata cattattagg aaaagctcac ctgtttccat 60
ctaattctgt ctctgtattc tgtctccata taagcttttt aggacttgct agctaaccag 120
gctgaggagt gggtaagaga ggagacaagg cagagttctg tgacctcttt tacagagcat 180
cctctcagga aatgctgagt ataaatgaac tacaactcct gatcttacag gtgtttttga 240
actacttttc 250

Name: N191 Len: 250 Check: 122
accaggccct gtgcagttta tcagacattc gacatgtctg ttttttaatg cttgtggact 60
gcagtccacc tcattctaaa tttttgaaca tgtaaaggaa aatacactcc cccaccttt 120
ttgatacttt tcttactcta gtggtttttt tttaattttt ttaatttttt ttcaattgcc 180
agcaaggtga taaaactagc caaattgtct tcctttttcaa agcanaatca tatacgtgtg 240
tgcctgctgc 250

Name: N192 Len: 255 Check: 1CD1
acgcaaacac cagtaggtat tgttgttaaa actcgtgcat gcacagaaag atcccaagtt 60
ccagaacggg gcggtctgcc agtggttgtt gtcgtgggtg aaacaagtga agctaggcag 120
gctgcactct tctcctttte tctgacgttt cttctccttc ctctccttct tcctccgacg 180
atgctccttg aacagctgca gtttgctgtc cacctcctgg gccgcagcct ccttgaaggg 240
gtgaaagtgg ctctt 255

Name: N193 Len: 255 Check: 11FE
acagcaccag gtctgtggca ttgggtcaca gtccagctgg acaccgtggg cacacctcgg 60
atttctggac ttagtctagg acagacactg tgtttagcct gtcatttggt ttaaaggttg 120
gttttgttgt aacagtgctt atcataccac atgtcagcag ctcttagcat tactgagggc 180
aaggagggaa ggactaacag cacaccagct tggtaagatc ataaatatag aagcttaaat 240
tatcactgtt gccag 255

Name: N194 Len: 250 Check: 1AF
actcacaaag cctgggctc aattcttagg gaggcagggg aattcccaaa ggaattcaat 60
tcaatattaa aaactaaagc actctacaga cattaggaca cttcagaaaa tggacatttt 120
aaaagtgtcc acgcacaccc gttatgtgac aacctcctat aatctgcctt tagtcccaca 180
ctcaaacttt agcatcagtc ttttatgacg acaatctacc gtggcccctа aaacattgcc 240
ttaaggttag 250

Name: N195 Len: 255 Check: 1A04
acgttttcag gctcgagtcc acggagaagc acactggtcg ttcctaacgt gactgcagcc 60
agccactgca gcaggagcag gtcccctttac ttccggctgc ttagagagtc actcagcaag 120
atagttcaga tcgtatatct gtctttgttt gtttttcaaa atcattaaat ctaaatagct 180
cacttctgag caaaaccctg ctctgtggac aattatcact gccagaatcc tccatttctg 240
tagtgtcctg tgtga 255

Name: N196 Len: 255 Check: 26A1

actgggagat gaagctgagg aagaagaacc aaagcctata gaactgcctg ttaaagagga 60
agaacctcct gaaaaagttg ttgatatggc atcagaaaag aaggtggtaa aaattacatc 120
tggaatacct caaactgaga gaatgcagaa gagggctgaa cgtttcaatg tgcctgtaag 180
cttggagagt aagaaggctg ctcgggcagc gaggttttgga atttcttcag ttccaacaaa 240
aggtttatca tctga 255

Name: N197 Len: 250 Check: C00
accagttaag gaattcaatt tccgagctaa gtgtatctac acggcagtga tggtgcgaag 60
ggtgatcctg gcccaaggag ataacaaggt cgatgacaga gactattacg gcaacaagcg 120
actggagctg gcaggccagc tcttgtctct tctttttgaa gatttgttta aaaagtttaa 180
ttcagaaatg aagaagattg cagaccaagt gattcctaaa caaagagcag cccagtttga 240
cgtcgtgaaa 250

Name: N198 Len: 255 Check: DD4
acacaattta atatttatta tatgcatttt atatacatta tttttcaaca gctgtgtgtt 60
tgctctgtgg tacaatctta aaaatttgct gattcatagt ctgtaaaaca aaaaccttac 120
aaaactcatc aaaactcgca aactgatcag aaaaggcttt tggaagacta gaaaaaatac 180
tttattgtct taatcatgca ttacacaaag aaaatcttca gttacaccat aaaagtaagc 240
acatctaaaa aaata 255

Name: N199 Len: 250 Check: 133
acagagtctc ctttaacaat gctgccccca aggaagatct gcccagtgag gcgaggcttc 60
ttcgggttag agatgtcata ctgccgaatg tccccgtgca gccagttgct gaagtagagg 120
aagcggtcat ccagggacag caagatgtcg gtgatcaaac caggcatttc tggcaacatc 180
cagcccttca ctttcttgga gggcacctgg atcaccttct ccactgacca ggtgcctccc 240
tcattcttgt 250

Name: N2 Len: 255 Check: 3B5
acaatgcccc aagagtggct tttgggaggc agtaacttag cataggggct ggctgggttg 60
ccgactcgtt ggggattcag tgtggcaaaa tggggagagc gtggctcctg ctggtctttcg 120
cgcagtgtaa atgaaccatc cgtcttctca ggaatattat tcagtgtctg gccagtgggt 180
ctcatagggt tcacctctgt caacggggtg tctgttatat tcgttggctg ttgatcctct 240
gttaatttag ggaat 255

Name: N20 Len: 255 Check: 1469
acagactgtg acgagataca gttttaaggag gatggctcgt gggctccgat gaggtcaaaa 60
aaaggaagtg caagaagtca ctgcctccta caatggggtc gatggatgct tgagctccac 120
attggagcat caggtggctt cccacaacca gtcttcaaat aaaaacaaga aagtggaggt 180
gattgaccta accattgaca gttcatcaga tgaagaggag gaagaacccc ctgccaagag 240
gacctgtcct tcccc 255

Name: N200 Len: 255 Check: 235A
actttcttgaa actgacttca taacaggagt cattgtaagt tccacagaaa gcaagacgta 60
tgtatttcag ttcttgtctt gaccagcagc actccggagg cccagtgtcc ggtgccctcc 120
ttgtatctga agcaggggta acagctctgc tgtgggcctg tttcctctta gtatttacct 180
caaggcttgg aaatgtattt tgaaagacct tcagtcaaac gaagtaaagc aaatgtcaag 240
aaggataaac cactg 255

Name: N201 Len: 255 Check: 607
acgtgcattt aggcaaatag tttgtagccc agggtcctgg tgctaaattc ttacatgcct 60
cactagaagt atggagcaga aaagcaggcg ttcctgtgct ttccccatct ctttagatgt 120
gcgtggcctt gcctgactgc ctttgcttgt gtgacatcac ttagccagag tccccactgc 180
tggctttgct cacttctctt tagacaatat tccagtaagc ttgatctcat aattatgtag 240
taattcatct agaga 255

Name: N202 Len: 255 Check: 1E26
acaatcttac ctttcgctga agagaatgac tgctcaggtt gtaaacaagg agctagcctt 60
ctgagcctct gttgattagc cccaagtaat ccaagctgaa gtaatgtggg cttctgttta 120
atgataatcg ttaattatct atgatatatg tttctttttc ccgtctgact tcctactcag 180
tcattataaa cacagacttg aaatcatact ttaaaatttcc aaatgcctaa agatgtgcta 240
aactggaggt aactc 255

Name: N203 Len: 255 Check: 22A2
actactgaca tcatgaacaa tgtgaactca ttagaaaaca taactcaatg agttagatct 60
acaaacaaga aagaacatga agtttttctt gttcatgaga gaaaacctgt cagtcagcaa 120
gaagtaaatg ggaactgcct gaatgttctt tcataaacct aggaaataaa gccaggctca 180
tcagtgagaa cttggagaat ttacccacac aacctgagct gttaagaaaa cattggactt 240
tcatttcagt cgcac 255

Name: N204 Len: 255 Check: 1F58
acaacagttg ttggtcttga cgatattatg gatgaaggag ttgttaaaga aagtggtaat 60
gataccattg atgaagaaga attgattttа cctaacagga gtttgaggga cagagtagag 120
gacaattcag taagatcacc aagaaaatca cctcgtttaa tggcacaaga acaagtaaga 180

agtttgcgac aaagcactat tgccaagcgt tcaaatgcag cacctctaag cacaaaaaag 240
ccatctggga agact 255

Name: N205 Len: 255 Check: 1F3B
accacagttt ttaactgaag gaaccagttg gaacaatctc aatttaacta aaacttgaag 60
aactaaaata acaatgcaaa gctttagcat tgttttggcc aaacttgtta aaactgtaat 120
gcaagaacca aatgcactgt gatgtggcac caactaatta gcaagcatga ctttttcacc 180
tgagagtgaa aaaaggaaac tctaccatgg cttgaagtta aagagcagaa ctcctgacta 240
ccattctgat caaga 255

Name: N206 Len: 255 Check: 18F8
acattactga aggactatga attcttacag tgacgcttca caccagtgcc atgcgcacac 60
agggtgattc agaaggacag atggaacggt gacaatgtgc agaaaagcaa tcaagggtta 120
tgggcctgtg ggctcttctg agatggtttc atgtcagctc ctaagcgctc attctacaca 180
gtaagctaat gctggagcgc aactcccaag atagagcacg ctgtctcata aataatgaag 240
tcttttctc aggca 255

Name: N207 Len: 255 Check: A5D
acaacttgga actcacatat gaaaatttta agtcagaaga aattttgaga gctgtgcttc 60
ctgagggtca agatgtgacc tctggattca gcagagttgg acatattgca cacctgaatc 120
tccgagatca tcagctgccg ttcaagcatt taattggcca agttatggtt gacaaaaacc 180
caggaatcac ctcagcagta aataaaacca gcaacattga caatacttat cgaaatttcc 240
aaatggaagt gctgt 255

Name: N208 Len: 250 Check: B6F
accaaagagc aaaattttac ttcctctgga aatgattgcc tacatgtggc tccccttccc 60
ttaggctaag tgagaaatac agtgaagtag ctgcctggac agaaagtaag tttctgcttt 120
acagagaaca ccggtgagtc atagagtcag gggaaggtca ctgggagcac ttggctgtgc 180
acaggttctg gagcatctgt cttaaatgcc tttgagacac agtaaatgtt aaggaagaca 240
aagttgagag 250

Name: N209 Len: 238 Check: 93C
accaaatttg aatcattgca aatacattta gcttctgaaa ctccttgccc aaatgctgcc 60
ttcgctagaa catcgtaaag ttccttcagc catcatcaga ttccaatttc tgggaagcct 120
cttcagatga gctgctccgg tggatccgcc catcactctt catactgtgg aaagtcttct 180
tgaatgcctc catcatggcg tgcgccagct tcttggcctc cagcttgctc tcacattg 238

Name: N21 Len: 199 Check: 19CE
cttatcccca agggtgctga gaattccaaa ggttatgact ttgaaattaa gtttaatcct 60
gaggctggtg ccaactgcct tgtcaaatac gggactcaag tgtatgcacc tctcaaagaa 120
ctcttgaatg aaatctaaga agaaattagc tnanctctga ataaaaagat gggtctggag 180
gatactttac aacgactga 199

Name: N210 Len: 255 Check: 8AD
acataagtgt gtatttccat atgcatacag tatcacagta aggttaaagg tataaaccag 60
gcatggtaag aaatcagtaa gagtgtaatt acaacatacg gcatactgca agtcatttaa 120
aaaacaaatt acttctagaa ttttttcctta gtatttttag atcacagttg attgtgggca 180
gcaaagatta cagaaagcaa agccacaggt aaggggaatc cactatgttc aaatccccat 240
tcagtggaca ttctt 255

Name: N211 Len: 250 Check: 20F
acatagtcag cagatgaaac ccctcttctc cagctcctac ccgagagctg gctctaggcc 60
tgtgttatat gttctattta gctttttata tatgaccctt gatctgtgta tttgaacacc 120
gtgtgtgtcc acttaccttt gtgcagacgt gcacattgcg tatgtgtata tgcctgtctc 180
atctagctta tcaagagttc ggcaggagag ggaagcctgc ggccgagaat gactctttgt 240
ggatagtgta 250

Name: N212 Len: 255 Check: 26F6
acttgttata ggttactaat ctccaatgag tatcaccaca ggaataacca aaatcaaata 60
atggaacaga agactgacaa agtgtttcac atcctggaat tagataccaa gtcagaagtg 120
ggggttggaa gtgttgcaaa ggagactgta ggactaagta tattcttgta ataaaaccag 180
caatatcaac agagttatca tctcacttct aatttcttcc cctcaagaac aatttgaatc 240
tctttggcat ccaaa 255

Name: N213 Len: 255 Check: C1F
actcgaggca cagaaagctg tatgcaaaaa agcaccagag tcagacttcc ctcaaagttg 60
aaactctgga gcaagacaac gggtggaaaa gcatgtccca ggaacactta aacggaaacg 120
tgctttccca actggaaaag gtgttctacc accttccggc gggccggaag gagatcgcgg 180
aagcggaagt gcggatgata gactttgctc acgtgttccc tagcaacaca gtagatgagg 240
ggtatgttta cggtc 255

Name: N214 Len: 149 Check: 157
acctggccta gtgcacttag ctttttttgt ttctttgttt tgttttgtga aacagggttc 60
cctgtcctgg aactcgctct atagatcagg ctggtttcaa actaagagag atctgcctcc 120

caaatgctgg ggttaaagga gtgtgctag 149

Name: N215 Len: 255 Check: ED3
accettgggg tgtggtgcag gttgagaacg aaaaccactg tgatttttgtg aagctgaggg 60
agatgctgat ccgagtgaac atggaggacc tgcgagagca gacgcacact cgccactacg 120
agttgtatcg gcgctgtaag ctcgaggaga tgggcttcaa ggacactgac cctgacagca 180
agccctteag tctccaggag acatatgaag caaagaggaa tgagttcctg ggagagctgc 240
agaagaagga ggagg 255

Name: N216 Len: 255 Check: 43A
actgagatga aaagtgtctt aacttttagt atttcaaagc cagctttaat ttggaacagc 60
aacaccatcc ataaaatcca gaacaagttc tcttgttagg aactttccat atgttatgat 120
ttggtcacaa gttgatagtt gttacatatc agtttccatt tctccattag aaaattaggt 180
aattgatgga ttctttgaac agaagcatca ctacttatta aaaagttaga tatatataga 240
atgcttttaa ggcaa 255

Name: N217 Len: 255 Check: DF7
acaagctttt ttttttttt ttttttttt tttcttcgga gctggggacc gaagtgctct 60
accactgagc taaatcccca acccctcacc gttacatttt gtgtggagca tcagtcgcgt 120
gcctgagggt cttgcctata gagtctgtgg tcatcctgtt ggccaacagg tattcctttt 180
gttggaccaa ttgcatttcc catctctctg tggtgtgatg gaggtgtgag tcctggatgt 240
aagtgcgaag agtcc 255

Name: N218 Len: 250 Check: AEE
acaaacagtg ctgcagacac acgtgatcgt tggactcctg ggcaatccta attgcctcct 60
gcagggcgag ctctgcctgt tgatagtggc cgaagcggca gtgcagggca gccaggttga 120
gagcggcgta tcttaggctc cggccataac cttcttcccc attacttttg ccctctgctc 180
cagtgagaat caggcggtca aaataatgaa ggaggctgtg cgttgagctg aaaacatctt 240
gaacacggag 250

Name: N219 Len: 255 Check: 224A
actgcccacc cccaggagct gccaaatgtc caggctactg tgttctaacc aaatagaaac 60
agagctctac acttcagttc cacaaccact tctggccctc actgagccct gccaagtcct 120
tactctgccc tacatgtatt ccctttttcac acgaggcctc caccctgcag acttacagaa 180
ggccgggata tggtttgtgc tccttcccctg cgggccttac ataaagtgct cagaatcaga 240
gatccttgca ctgag 255

Name: N22 Len: 255 Check: 39B
actggcacat gagacctaga gcaggaccaa cttctcacac atagtcagtg ggaaaagaaa 60
gtgccttgaa agttcctccc tcacctacac agtagtcgtc atgtcgagac ctgccagaga 120
gagacacatt ctcaagtgaa tcctggcttc ttggaagcgc ttgcctagac gagacacagt 180
gcattaaaac aacttttggg ggacaggtat gtttttcttg cagctgcagt tgtaaggtct 240
tggcaagacg agcag 255

Name: N220 Len: 255 Check: 25AD
acagtcccag ctctgctcca gtctatgtga cttttgaaag acctttgttc tgtgagctgt 60
gatcatgtgc agtggaccag acctgcttcc acctgcagga gagctgggta tccacattag 120
ccgcacctcc ccatccagca ctgcacccac ctgaggacat taactgggat ttgatggcca 180
gcaacttgta tgcgattcat taagtggccc tggcagagca gccacaccca gctgcaaatc 240
tcggccaatg agcga 255

Name: N221 Len: 255 Check: 4CE
actgttgtgg gcagaagctc tccaaagctc agactacatc ctgtgggcag ttcccaggtg 60
gggatgttcc cctggccttc accaccactg acttaccccc ttctccactt tcagagacag 120
cagtcctcca cagggacttg tagaacagct agaaaggggt gtagttcagc cctggctgtg 180
gtcctcagca gagatgacag ttctgtgaac tctgccagtg cttccccatc tgacatggaa 240
aagtgctgga cttgg 255

Name: N222 Len: 255 Check: 102D
actcttacgg agaaccaaga tttggttcct agcatcctca aggtagctca caactctttg 60
taactgcagt cactgggaat ctaacccctct cttctggctt ctgctggcac caggtgagtg 120
tgatgcagac aaaaacttta aaaaaaatgc tacacatcat cttcagaaat agtagaagta 180
tatttctatt tgcaggctgt tgagctgagt ctcccctgctg gtggactttg taactgactt 240
gggaagttat gaagg 255

Name: N223 Len: 255 Check: EDE
ctgaggttct gggccgccca caagcagtga gttgtcactg tctccttagg gtggttggtt 60
agagatctga gtcatgcctt cagatctcaa accaaggcca gggaggaata gatctaaaag 120
ccatgcttac cgtggagcac attctaagat aatatctgct gatactggta acagaggcca 180
gactccgagt tctggccatg gaaacaacat ggccggtgcc tctctgtttg gcttctggac 240
tgcaataagc cagtg 255

Name: N224 Len: 255 Check: 1E9F
actggtggct tttaattttc agcccacaaa tccaaactcc gctgtctcca ctttgcttag 60

ctgccccaga acctcaccaa ttgcaaatcc tccctttttgt cttttgctca ctctgaccat 120
cttgtgaacc ctctcttccc catccttcag tggccatacc ttctctgggg aattttcatc 180
ccgagtccca agatagagct ccttggaaaa agctacccaa gattatggga gtaaatgcaa 240
tgagtgattt ctcct 255

Name: N225 Len: 251 Check: 1B39
acaaagtatg gcctcagttt ctgactaata gcctcagaat tcctgctgca cacaggcagg 60
aggtatagca agcttggaca ccagaaacac atcacttttga ccatcagtcg agctctgccc 120
agcatagaat actgttagct acttccttaa acattttagt ttctcaaagt gaaatgctgt 180
ccacttgagc agattgaggt ttatgcacga gaatttctctg aagtcctatg tgattcagaa 240
tgctctgttg c 251

Name: N226 Len: 255 Check: 1CC2
acttggcaaa aacattcaac atacactgaa gccatatctt tgtttactga aactcaaaca 60
taattcttaa tgctttcaaa ataaatgttc ttaaaaattt tgtgttacgg ggttggggat 120
ttagctcagt ggtagagcgc ttgcctagca agcacgaggc cctgggttcg gtccccagct 180
ccgaaaaata gaaaagaaaa aaaaattgtg ttactcaact ttaaatgtta aacagtaatt 240
ttgacgaata attgt 255

Name: N227 Len: 255 Check: 1413
acaagactaa ttttattaag aagataaaca aatttattat aaatttataa atattcttac 60
taaccccagc aggaaacacc ttgaattgaa acatatatgg tagtttccag catattaaag 120
acatcagcaa gacaccggat tgatatttta actttttaaa actattaaaa ccaatttaac 180
acaaggcctt tttgcccctc ttgcaagact acctggaagg aatacatgtc tccttgcctg 240
tcaatgacac agatg 255

Name: N228 Len: 251 Check: 14C5
actcatctac cttcaacagc actttccgta actcctcgaa gtagacaggg aaatctgctt 60
ctacctgaag gtcttcaata gcaaaaaagg atgccatcga ctggatgata tcaccagcaa 120
gatcaatatc atcagtattc accgtgatct caccacttgg tttcatttct atgtagagct 180
ggccaccgtt gcgtaaggac gtgaaacaga cgtgaaacgg ggcgttctga atgttactgt 240
ctttctggcaa c 251

Name: N229 Len: 255 Check: 1C10
acggattcac ctccttccgg ctgtggtgtg cacaggatcc acgctgggaa ttcattccac 60
gtgggactaa aggcgtaagg cgaccgggtc tcctgcttct gctgcgttca cctaaaacac 120
cgcgttattg ctcagcccac actgaagtat ttgtttgcct tcatttaaag aacatcccac 180
ttcacagctc tctacagatg ggcagctccc agggcgcttc cgtttgtctt cagctctgac 240
aggagcagat tccac 255

Name: N23 Len: 255 Check: 12B9
acacgcaaaa cacatcaaaa agtgatcaag gagttgcaaa acagaaagtt aacacagtgg 60
tagatgcaac cagagtgaag cgctggtcaa agacccctgt caaaatgaca taccctctag 120
aaggtgcagc tgatttcacg gagcactttg aaacaccaga tctcaaagat gaacccatag 180
gtgatgatga aactaaagtc ctttgcaaat ccccacaacc caaaacagag aacctcaagg 240
caagcgcaaa gccac 255

Name: N230 Len: 255 Check: 1C2E
acgaggacct gggctagatt tttgtgcttt gtctttttct tctttttttt cttttttgttt 60
ttttcctttt gaaccagcca ccttataaga agatgattta ccatatgaaa atgctcattc 120
cttcaggaaa actaatatct ctatcttcat ctatttttgt ggaaatacaa aatggttggt 180
ttaacataga ggggatattt ttgaagatgt aattgttttt tgttttgttt tgttttgttt 240
tacttaatct tgtag 255

Name: N231 Len: 255 Check: 18C1
acgcacttac tctagaccac actaacaagt ttcagtgacc ttgagggcca agcaatgtcc 60
ccctggtaag agctcttggg ctggtgcgtt tttcagagca gagccactgc aggtaaactg 120
tgcccagggc cacggccttg gcagagcctt ccctgtggaa gcaataacta gtttctgtga 180
gagaacctga gccgggagag ccgggcacgt agccagactg ggtcacagcc tgcatctcta 240
tccctgtgtc ccctc 255

Name: N232 Len: 251 Check: 1877
acaaaatatt tagtaatatg ctttgccatt cacagtgggc actttctgaa aaataaattt 60
tgttaatgtg cttagaaaca agaatctatt tacagcctca gtcaaataac caagttcttg 120
gtgaatgaag ttacctcggg acaacagcat ttaaaagtaa ggtttgtgca agccaccttc 180
atattctttc tggttgctgt tgcttttgctt ttagagaggt cactggactt actatgttgc 240
tgagaatgac c 251

Name: N233 Len: 255 Check: 72F
acatgataag gaattctgaa ttcttagaat tgactatctc agatcatatt tgctgagaaa 60
atttcttagt gttctttttca cagtgaacat aatcctaagt ccttggatat ttttagaagt 120
cttttaactt tacacaaata atgaaataat ttttttttta aattcaaagt gtctcaccct 180
acttgttaat ttgccccccaa ggaaagttgt ttttaaaaga aaaaaaaaag gatacttgta 240

gagtgagtga aatgg 255

Name: N234 Len: 255 Check: 1441

CNATCNCANC NANGACATCC TTNCNNAGAG GGNCCNGAAN GNGNCCANCN NNCTCCATAN 60
NCCNTTNCTN CNNCNTNTNC NCNTACCTNA NNCCNGCNCN TTTTNGGAAN CCCCCTTTCN 120
CGGNAAACCT TTNGGAAANC CCNNTTCTCA CNATACGGCG AGNNGAGGCC CTCTAGCATG 180
CATGCTCGAG CGGCCGCCAG TGTGATGGAT ATCTGCAGAA TTCGGCTTTC NAGCGGCCGC 240
CCGGGCAGGT ACCCT 255

Name: N235 Len: 255 Check: 161

gtgatggata tctgcagaat tcggcttagc gtggtcgcgg ccgaggtact tttaacwrwg 60
ggctgacttt aaagctaaga acawggcnnn mtnnnnnnnn nnnnnnnnnc ccaatcccat 120
ataatactca ygcatggctt tgctttataca cagacttctt tccaccaccg ttgttgaagt 180
ttttgaaggt tggaaagggc aaacwcwhhh wattggctgc tgaccaatgt ckctcgctgg 240
ctggtgctca agacm 255

Name: N236 Len: 255 Check: 3E1

caatgtttac agatgggtga cgtttgcact gccataggga atggtgagac tatgttacca 60
gacccttaga tttatgagta ggtggttgca gttaagccta tgagaggatc tgttgagcct 120
tttaaggcta agctggtaag agttccgaga caggtggttg gttagagtga tttcctagac 180
ctcacttggg tctttctgtt gacagttctt catggcttca agcagatacc atatgctttc 240
tttagaggag ctgcc 255

Name: N237 Len: 254 Check: 1E46

ttttttttct ttttttttta aaatattctg cttgtkctca cagaaaaaat accattnacn 60
canagncccn ancaangncc taagtttttg aatggcanca cnattataaa ggntacaaat 120
gacctaacag gaacaanaaa aaahhgtgtt attnnnggcc cnnnnnnncn cttgagtttc 180
taaactgtca gtaagcagtg aaaggtgtcg gattaactac ttggtaatgg ccaggaaaat 240
acgatgaaga tggg 254

Name: N238 Len: 241 Check: 188

acaaggaatg cttctccctg tatgacaagc agcaaagagg gaagattaag gccacagatc 60
tcctggtgtc catgaggtgc ctgggggcca gccccacacc tggggaagtg cagcggcacc 120
tgcagactca tggaatagac aagaacggag aactggattt ctccaccttc ctgaccatta 180
tgcacatgcc aatcaagcaa gaggacccaa gaaagaatcc ttctggcatg ctgattacag 240
a 241

Name: N239 Len: 255 Check: 1552

cttccttgaa ctactttcag aggccttgta actcaggagt gcgaccaacc gtgcttgaac 60
ccccaggtct aaatgtgttt tcaggcatac tgcagaaagt aactatcata aattcctaat 120
agctggaaac caacatttcc taaagactaa aatttgtttc aaataaataa atgagcaaag 180
tcaggtaata acctttttcaa aggtggagtt tggtagtctt gagtgatact acctattcct 240
gagttcttctg gatac 255

Name: N24 Len: 255 Check: 24B2

cgtcaagtcg gcaaaagaca acgaanggyc ccccgnnccc nnnnggataa aaatgcygct 60
gttttcycttc gtggccgggt ttttttgttt ttggtctann nnnnnannga aannannnaa 120
ngaaaccccn tcactaattt tttcwwanat actaaaatat ccaacygmag aaatcatttc 180
ggcacatccc gacctccgat ctcccctgttt ttaataactg tagaaaagca tctgtgtcca 240
cttgttggcc gaaga 255

Name: N240 Len: 255 Check: 1D91

acacggtggc acacatacta ggatagattt gcttcaacta agccccacgg ggagatgcac 60
ttcatatcaa atttcctttt tggttcctct gagggagaag gattctgtgg gacttacaaa 120
gggctcatgt atatgcagaa agccttccca tcatttgtca ttgtgacccg tggcaagcca 180
tcatcagtag gaaaacaaaa caaaacaaaa caaccaaaca aatgaacaaa aaaccgaggt 240
tagtctaaaa tctaa 255

Name: N241 Len: 255 Check: 1CBA

cttattgata agtggatatt agcccataag cttggaatac ccaagataca attacagacc 60
acatgaagct caagaagaag aaagacaaaa gtgtgaattt ttcagttctt cttagaaggg 120
ggaacaaaat actcacagga ggaaaaatgg agataatgtg tgaaacagag actgaaggaa 180
aggccatcca gagattgcca cacatgggga tacatcccaa atgtagtcac ctaacccagt 240
cactattggg gaggc 255

Name: N242 Len: 255 Check: 217B

actttgtaag gaaggagaaa gagaatgcac cctgatacaa aaaatattgc ctatttatat 60
attagcaaag atttatgaaa cacattccaa atcaaatgtt gctatggaaa caacagactt 120
aagtagagaa gcacaaagtc ctgaagcacc cgcaattatt ttaatcagga aaaatgatat 180
atttatatat gcatatgcat atatataatt tgagaagaaa taaaggcaaa attctaactt 240
taatcagagt ttgta 255

Name: N243 Len: 255 Check: 1BF

acaaagacct tctttcatgg actactttga taagcaggac ttcaagaaca agagtcatga 60

aaattgtgat cagagcatgc gtgagccatg ccctatgtca aacaatgttt ttcctgacaa 120
ctggagagtt cctcaagatg gagactttga ttttttaaaa aatctaagtt tagaagaact 180
acagatgcgg ctaaaagcac tggaccccat gatggaacga gaaatagaag aactgcatca 240
aagatacagt gcgaa 255

Name: N244 Len: 255 Check: 1D27
actttaagga aatttatgta gcatttactc atccatcggg tatccggccc cttttctatta 60
cccaggcatc agtgaacatc agcaaaaaaa aaagttatct ttgtgaagct tactttctca 120
gatattgttt taaaacttatg ccattataaa atagttatca tctagggttg agtaggtagc 180
atttatgcag aaaggctaca gtcccaaagc agctaccata aatatttttgg aagctattcc 240
ttttcaccct aagat 255

Name: N245 Len: 255 Check: 16BE
actgcatccc caccccctacc tcaagagtgc ctcacttcta caccgagctc ctcactcaaa 60
cttggcaccc agggaatagg atggtttttct caattagaaa agacatatat atccacacac 120
ccatatatat aacttttttg ttttaacat ttaaatataa aaatactact ctgctttgag 180
ttataaatgg aggaccaaga aacttttttc ttcctttaca gtagggccat ttgtcaggtg 240
aactgtgttt catga 255

Name: N246 Len: 255 Check: 1B3C
acaatttaga aataaattat gaattattcc taaaaatata caaatgtaaa gtgaaaactg 60
aagttcttct gtattgcata gtagttcaga ttctctgtgg aaaccataag gctatttttgt 120
ctactttgca tgaatacttc agacttgtat ttcagagcca agcagtaact aaaatgtgga 180
ccttgctttt cagagataag agttcttaat tatatgcctt taagtgtttc cttctaggct 240
tcccaccaag tgttt 255

Name: N247 Len: 255 Check: 1E17
gcttagcgtg gtcgcggccg aggtacctgt ggtgtttgat atatagatga cagttagacg 60
cttactagtt ctagccttca aaggaggtag accttgggtt tcatcctata aatttctggt 120
ggtggtgata actcataaat gtatgtttgt atggtattta tcaactaaat agcagtagaa 180
atagagatcc aattcctttta gtacctgccc gggcggccgc tcgaaagccg aattccagca 240
cactggcggc cgtta 255

Name: N248 Len: 255 Check: 1F64
nntagnacgt nannctcggg ccctcttnng agcacgcttn agcggccgcc agtgtgatgg 60
atatctgcag aattcggctt agcgtggtcg cggccgaggt actaatcagc cttgaacatg 120
gtttacagct ttctccttcc gagcagttct tttcagagaa gaaatcagtt ttgatctttt 180
atagtccgtg cttgttgaaa acaagccttt tcttttcccc aatgatgacg cttcattttt 240
gaagtgttga agctg 255

Name: N249 Len: 255 Check: 1747
acnctactan ntagnacgtn antntctctc gagnccacnt ntactatagg gcgaattggg 60
cctctagat gcatgctcga gcggccgcca gtgtgatgga tatctgcaga attcggctta 120
gcgtggtcgc ggccgaggta caagcttttt ttttttttt ttttttttt ttttttagga 180
tcacagatac nctgtttatt caaataaagc aagggaaaca aagggcgnct ttcttaaact 240
ctntntattt aacag 255

Name: N25 Len: 255 Check: 1C07
accagagtan ataagaagtg agttttattc aaatttaatg caggaatcac aacatantta 60
ccgcttcaat ttcttcacac tgatgaattc ttttgctgtt aacacacaaa ttcacctgtt 120
gggcttggct gctaaaacat tctaccgaat gacggttaca ttttcttcat ctactttgca 180
aacaacgaac acctgcgccc gcacccattt tccgctgtaa tttatgctgt gatgaactga 240
tgcgtgactc cccac 255

Name: N250 Len: 255 Check: 514
acnccctnnt agnacgtnan gngctctttg gaataccact tctatanggc naattgggcc 60
ctctngangc angcttgagc ggccgccagt gtgatggata tctgcagaat tcggctttcg 120
agcggccgcc cgggcaggta ctaaattggt agttcttgaa gtctaactct gtgctaacag 180
atcttcattt taaatagaat acggttttaa tttttgataa gctgctgaat tttaaagaga 240
gttttttggg gccac 255

Name: N251 Len: 255 Check: 627
acaaaagtcc tctcagagat caaatggcca tcctccggag atgcttcacg ggtatggctt 60
tcagtcattc tcaagttcta gccatgggac caacgttagt gtttgtgtgc acgtagccac 120
aggtcacggt tacatgtcat ggcttaggaa aatactggca ttctggtttc tgtgaaataa 180
gccttacctt gtgcattcaa gcaaaaggga aaaacaggca aaagaaaaaa gggggatggg 240
gagaaagcac tgtcg 255

Name: N252 Len: 255 Check: 13
acnccctnnt agnacgtnan gtngtctcag ncganannnn cnnnaccnnt cncnnctncc 60
ccntnctccc ncnctncncc nnattcnttc gaatccactt ttgantaccc gtngaattgg 120
gccctctaga tgcatgctcg agcggccgcc agtgtgatgg atatctgcag aattcggctt 180
agngtggtcg cggccgaggt actgtaatgn tgncaataat ggnggaatat atatagtttg 240

acagaatcat attaa 255

Name: N252 Len: 255 Check: 2130

acncoctnnt agnacgtnan tntctcgaan cccttttntnt aannccttng aagnccacnt 60
ntcactatan ggcgaattgg gcccctctaga tgcatgctcg agcggccgcc agtgtgatgg 120
atntctgcag aattcggctt tngagcggcc gccngggcag gtgcttcaga antcaccagg 180
acttcacttt taggaaaaac cttgtggcag ccaaggaccg gcacacacag atccaggagg 240
aactgcagac aaatg 255

Name: N254 Len: 255 Check: 2387

nntagnacgt nannctcttt gaancccttt ngnaannccn tngncccctt tgaccncttt 60
agcngncgcc gtgtgatgga tatctgcaga attcggcttt cgagcggccg ccnnggcagg 120
tgcttcagaa ctcaccagga cttcactttt aggaaaaacc ttgtggcagc caaggaccgg 180
cacacacaga tccaggagga actgcagaca aatggagata caaacagtcc cagggacagc 240
aacagtcacc ccatc 255

Name: N255 Len: 255 Check: 1683

tttntaaggc cnattgggcc ctctttannc annctntagc ggncgccagt gtgatggata 60
tctgcagaat tcggctttcg agcggccgcc cgggcaggta caagtgtgtg ctaaaagtga 120
gtcttagacc ccagatactt tgtcactcat attacaaagt tgacatattt ggctaaaatc 180
agtctgaaga ttttttattca ctgagaacta tggttattaa aaccaagctg ttgacgaaaa 240
tataagttaa aaata 255

Name: N256 Len: 255 Check: DA7

acctttggga gtcgccttct tcggctgtgg agccctggaa gaactctgaa gggcgtcctg 60
tccgatttgc tcgtccatgc acacagatgg aagcagccgc cattggaggg gaggaatgtg 120
tccttggtct gaccgacagg tgtcgctttt tcatcaacga cactgaggtt gcatcaaata 180
tcacgtcatt tgcagtgtgt gatgactttc tactggtgac aacccattcc cacacctgcc 240
agtgttttctc tctaa 255

Name: N257 Len: 255 Check: C4F

cncoctnnta gnacgtnant ntctcttgtn gacnacgtnt cactataggg cgaattgggc 60
cctctagatg catgctcgag cggccgccag tgtgatggat atctgcagaa ttcggcttag 120
cgtggtcgcg gccgaggtac agcccatcta gccctcagnt gccagaggga cctctcctac 180
aaccttataa tgtaagtatg ccttgcctct cgcatccccc accttagtga aaactattgc 240
cttacaccta gtcac 255

Name: N258 Len: 255 Check: 1A3A

acaagatccc cacctgtatg caattctctg ggtcatctgt atcctcacat cttcaagaga 60
aacctcaccc atgaacacgg caccattaag ccccttctg taatggattt caatcacatt 120
tactgctgag attactcagg caggtgagct gatgctggac acgaaccccc cagtaaagtg 180
cagttttagg caaccccctta gttttccttt agacaggtat ccacagtcca taaggacttt 240
ttttcttatc tattt 255

Name: N259 Len: 251 Check: 201F

actctgcttg ttgagaagca gccagtggct gaacctgagt aggtgggtta aagtatctgt 60
gcctcatgac acagacggtt gtaaaaatct gaagtgtatt ttatcagcta cctggatgtc 120
agtgcacaca gacgtgcact cttctcatga ctgcaacagt gatcgggaag aggaaaaccc 180
tcaactctgc ctttggctct gtgaactaat ttcagttcag attctaagct gtgctcactc 240
ccatttttgaa a 251

Name: N26 Len: 255 Check: 46C

actcaggaaa acacaacggt atttgcattt acttttctcg aatcatggga aatatttggg 60
atgctagctt agttgttgaa agagtattca agagttccaa cagggagatc actgcaattg 120
aaagcagtgt gcctatccag ctgctggagt cagtgctaca ggaactgaag ggtttgcagg 180
aatttctaga cagaaatttct cagttttcag gaggaccact aggaaatcca aataccactg 240
ccaaagtgca gcaga 255

Name: N260 Len: 255 Check: 7AB

ccgctccaca agcacatgca gcgagacttg atcagtgact agtcctgtc gtcgcatcag 60
cagctctaag tcctttggct tcacagtctt acggccggca tgagcagcaa atacctccag 120
atcattgcaa aggcgctgga aatactcgtc taggcacttc tctaccatct caagagccac 180
tttctccacg ggcatcttag tatggaaact gaagagcttc acatagtggc tcagtccggc 240
cttgtagggg tcttg 255

Name: N261 Len: 255 Check: CB2

caggacacac tatagccagc tgcgcggccg ggctgagggc tccagtttct gcacagctcc 60
agaggctttc caagttaatt ctgaacatgg ctaaaggaag agaggccaac attttctaaa 120
ttgcaccaaa tggcctgaaa gtgtaaaaaa cactagattt ttctttaaaa gctaatttgg 180
gggtggtaga gttaagggaa atgtctatat gtatttttact caagcaataa aattagaata 240
aggatacagt tttgc 255

Name: N262 Len: 255 Check: E2D

acctttttagt gagggccctt aaatttggga aagttccatg gacagctaag tttattcttg 60

aacataaaat aaggaggaaa aatgaactta tgagaacaca attgaagaaa agggaaagaa 120
aggtttaagt tcagttgcat ctagattcga ggaaacatga ataaaatttg attagattcc 180
gtaattacat gggtatttat tttgaacgca catgttaatg tatgcctgct tactgattga 240
gcatctatga gccga 255

Name: N263 Len: 255 Check: 213C

acacactccc aaacagttaa acccagctct gattccaact ctgcaagagc ttttaaacaa 60
gtgcaggact tgtctgcagc agagaaactc actccaagag caagaagcca aagaaaggaa 120
aacgaaagat gatgaagggg caacccctgt taagaggcgg cgagtgagca gtgatgagga 180
gcacactgta gacagctgca ttggagacat aaagacagat gccagggacg tcctgacccc 240
cactagcacc tcaga 255

Name: N264 Len: 255 Check: 270F

acagtgagca gcaacgacaa gaaaaccaaa ggccggacag gctggccaca gcacgtctgg 60
gccctggagc tcaagcagtg acgaagagga gagctagtga gccgggggcc aaggcgccag 120
atgctgaccc aggactcccc gaaagcccct ggtctctgtt ctgaggactt cttgcagttg 180
gatcatccgg tttatttatg tgcaatttcc ttttcccttt ttctgccccc ccccaacctt 240
tgaggcatct gcttcc 255

Name: N265 Len: 251 Check: E74

acatatttca gtagcatgag gccgtccagg gtgtgcatga gcaagaccat gatgccagga 60
ttatttattg ctaacagaaa tggctacctt tgtaaatata cctcattgag ccaatcactg 120
aactctttgt aagcacattt cccccaaagt ccagtgttta gacgacagtg gcaataatgt 180
attcattcta gtagtcagtg gtaaccaggc agcttgtata ggacattgat atttaccctg 240
gttgctgtga a 251

Name: N266 Len: 255 Check: 1448

accacagaag aggagattca agaaatctgc atagagacac ttagacttta taccaggaaa 60
aagcctaact atgaattgct ggaaaaggaa gtagaaaaaa gaaaagtagc cttacaggag 120
gccaagttaa aggcaaaggg attgaatctt gatggaactc cagccctttc cactttaggt 180
ggtttttctc cagcctccaa accatcatca ccaagagaag taaaagctga agagaaatca 240
ccagtttcca ttaat 255

Name: N267 Len: 147 Check: 189E

acacacaaat actcttcttg ttctgataaa ccctggatgc ttgcagtgaa cttttctagt 60
gtatttctca tttctcgttc gctctgcttt aacttaacta tggcttcttc atgttgtacc 120
tgcccgggcg gccgctcgag ccctata 147

Name: N268 Len: 255 Check: 172C

acaaagaact cagtgtcttc cggagcaaga cacaatggtt gccacgggga gaggccaggg 60
cagccaagtc acccctcctc agaggggaca ggctccacca tcaggttcat cagtttttga 120
aaataaaaac aggaccagaa acagtgtctg tttggttgct ggtgctcccc ccaccccaca 180
gcaatgctga agtctgtcca tccagttcca agcaaataca gagcaattcc aaccaacacc 240
catctttgaa aaagg 255

Name: N269 Len: 255 Check: 1A47

acacatatat ttatattttg cttgtcttcc cgtctaggtc atcagtttct acctttaagc 60
catttattta aaaagctatt gcactgtctt ggtgaacagt gtgtggggct tcaataaaaa 120
agggtcttgt gcgtgtctac atggttccac ctcttacttt ccaactgttt aaaaaaaaca 180
aaaaagtcgc atatcccaag gcaacaaacc ccacagaatt cccgaaccaa tgggcgttgc 240
aaaaggaagt ggagc 255

Name: N27 Len: 255 Check: 20AF

ATAAAAACCA TCCCTCTGTG CATCCTCTGC TTCCCTCAGG TTGGAAGCCA GGACTCCTAG 60
TCAGCTAGTC CTGGCCGCTC TATCACAGCC TCCAAGGGAA GAGCTGCCTG CGAGAGGCCT 120
TCCTAGACCA CAACCCATGT TGCAACAAGG CAGGGCCTGT TCCGGGTCCT ACCTCCCAGC 180
AGAGTGGACC AGGTTGAGCC TCCCCCCATC ACATACACAC TGTGTTGCCT GCAGTAACTG 240
GCAGCTCTGT TCCTT 255

Name: N270 Len: 255 Check: 20C5

attttgtggc acatgacaga acagaacgaa ataactaaac tgttatgaca ttaacggtta 60
ccatgcattt agagtttcac atgtaactac aaacttattt aaatttcaca aagtttgcta 120
aacatgccga ccatctatgt gtgcactgac aagcttatgt taaaaacttt taagaatact 180
ctccccttta gatttttttca aagcttttgt tttgattaca aaatttcaaa ggcattaagc 240
aattaagaga atata 255

Name: N271 Len: 255 Check: E0B

acctggaaag gctgaagctg gggtgttctc cgaccaatgg gaattccacg gtcccttccc 60
tcccagataa caatgccttg tttgtgactg ccgcaccacc ctctgggggtg ccatccagta 120
taagatagag agctgggggcc cctcccccac cgtgtcatgg cacatgtcag agggagagag 180
gctttttttac ttctaacaca tctgactgct gctggcagac tctagatttg ccatgcaggg 240
gtttcaaata atttg 255

Name: N272 Len: 255 Check: F3E

acagctcctg tgagtcagca cacagcaaga ccgggcttct gttgggcctt tgtgacttct 60
tacaggtttc caaattggaa aggacaattc atttgggtat tcaaccttgc taggccccag 120
caggagatag gctaatatct aattagctta ttagccatgc catagtcccc tgactggaaa 180
tggctacctt gcccatgcta aggtagatat gccaagagcc tgcccggctc tgccctgcca 240
ccacagagac gctat 255

Name: N273 Len: 255 Check: 3B1
acacattctg aagtcaccct gaagattaac tcagccgagc aggaaataaa attgctcacc 60
gagcgcctga aagatttgga agacagcaca ctacgaaaca tcagaacagt gagcaggcaa 120
gaagaggagg atctttctgcg agtagaggcg cagcttagct cggatacaaa agcagttgag 180
aagctagaag aagagcagcg cacgctccta gccagagatg aagatttgac cgataagctt 240
tccagctacg agccc 255

Name: N274 Len: 255 Check: 15ED
aaagaatcat ttaatgtggg ggcagaactg gcacagacag aataaataat agtgctttgg 60
ggagagtagt gatgaactgg gtaggcaaga aagagcctca gtgtggacgt gatcacacag 120
ataacatgga gatgtgcaaa gttgcggagt ccatgacaga aatggcccaa cccacccaga 180
tagcttctct atttggttgt caactacagg gaacagacta ggcccggtga gcacagggtt 240
gggagactgg agaaa 255

Name: N275 Len: 200 Check: 17A9
acctataaca tcacaccaaa caatatcaac tttatatagg tatttgtcaa aaaaaattag 60
gccatttctg ccaccattca caagcttaat atgttgcttt atttttttc ttgagtccct 120
gataaaataa aataattatt aaaccataaa ataacctttt ccacttctaa tcttctgaaa 180
gcaacaggca ctttgatgtg 200

Name: N276 Len: 251 Check: FB7
acatgaaata atactgtgct tccattggat tttcttttcc agtgtgggaa ttgtgaggag 60
tgctgtggat ttgctctctt catagcagtg ttcctgatgg aagtttaacc tctacaaatt 120
tgctgttgac gtagtgtgat tgaaaattgg cctccttaag tgggcctcct attagtcaag 180
attagctggc ttgattgtgt aatctgcaac aaaaaggaca atgtttcctt agtctctgat 240
ggtaggcaga g 251

Name: N277 Len: 255 Check: 1874
acataaaaag atatttacag acataaaaac attaaaatag acttcagaaa taaacaggac 60
tctacaaagg atacttaaca ctgaaaagct catactgaca aacatttaaa ttgacagact 120
caagttgata ggcacataat acaaatttgg taaaacgtgt ctcagaggct aacactgaag 180
cacatctgtt ttcaagactc cataaaaaat ccagacttca cttgccaaaa agtccaatca 240
attttgtctt agcat 255

Name: N278 Len: 255 Check: 1830
taagttgtgg ctataattgc atagaataca gacgttgctt taactggaag aggttgttat 60
agataacctt gattatcacc cagatggcat ttagaaccac tatggaaaca cccctgggtg 120
ggtctttgag ggtgcctcca gaagaggttt aacagagaag agggaaggcc caccctagac 180
accagtagca ccattccacg gactgggggtt ataggctgaa tataaaggta aaagcaacgg 240
agcacccgca ctcat 255

Name: N279 Len: 255 Check: 126C
acctcttatt gaaatgaaaa tttagatgta atatataaag tgctagcgtt tagttcattg 60
cctttgttga gatagtcatt ttaacattta gaattcaaca atattaataa atataatttc 120
gtagcatgct ttcaaaaaaa tgaccattta ctaaggataa aaagattaaa aaggggtgcc 130
tgcagagatg gttcaatggt taagtggtcc tgagttcaat tcccagcatc tacatggtgg 240
ctcacaatca tctaa 255

Name: N28 Len: 255 Check: 1E02
tgccagtcaa gctgcggttg attgataccc tgcgtatggt tacagaagga aagatttatg 60
ttgaaattga gcgtgccagg ctgactaaaa ccttagcaac tataaaagag caaaatggcg 120
acgtgaagga ggccgcctcc atcctgcagg agttacaggt ggaaacctat gggtctatgg 180
agaagaagga gcgagtggag tttattctgg agcagatgag gctctgccta gccgtgaagg 240
attacattcg cacac 255

Name: N280 Len: 255 Check: 2299
acattgggaa ggcagtatgg tcatgggaga tcaacaagca cagcttggta gggtaacccg 60
ccatgaaata tcactggctt taataattta ctacaactgt tctttttatt cacactgata 120
ggacgtgctt ccacctgtcg catggaatat gaatatatac aacaaagtgt ggcttatata 180
aaaaaaaaag aaacctccat atggacaacg ggggggccaa accaatgaca catgcagttt 240
gctaattaca accac 255

Name: N281 Len: 251 Check: EAD
acacacagta gccactccct accacctctt tcttgaaaag tgaaatcttt taagcaggga 60
agctcagcat cagtttactg cagctgtgat tttacaataa cctttctata ttgagcctat 120
ggggtatgaa gatatgcaaa atcctgttcg tttagagcca ataaaagttt aactgatggt 180
caatactggt ttagaaattt taggtcttct aaaccatagc tttttcaggt ctgaaatcat 240

tttattgcca a 251

Name: N282 Len: 255 Check: 728
acttaagcca cattatagaa ataaggcatt tttatctagt aaaaagctta cattccattt 60
tgagatatat gataaatttg gaaatgattc attcatggaa aaatgtagag ttacctgtat 120
aggtgcctat cctaggcttg gagagagatg agtagacaga gaagttcagg ctgagattgg 180
gcagaggaag cataggcagc agaaaatgct aagtagttta gatattaagt taatagatcc 240
tgatatagng gcttcc 255

Name: N283 Len: 255 Check: 727
acaagctttt tttttttttt ttttttttt ttttttttt tttaatttta taattatttt 60
aataaccagg tttacattaa cagtcacttg atgagctttt ttgtttgttt gtttctttat 120
tctcagctaa ctcaatacac agttttcttc acggttcaaa ccaaacagct tttccatatc 180
tgagctgcct cacagctagc acaggtcaca aggagactca ctggctgtcc atagccacca 240
gacacagaac tgaac 255

Name: N284 Len: 100 Check: 10D4
accccaaaat acaagcaaac cacaatggat gctgtaaaat ccatttctgg ggcaaaagtg 60
ttttttgttt gtttctgttt tttggttgtt ttttttttt 100

Name: N285 Len: 255 Check: 1BA4
acaatgaaga cttaaaacgt caatataaaa tgtaaattaa ttcattaaga aactgaaatt 60
tatggactct gcacaggtga acaggtagct gttttaaatg tctttctttt ctatagtaaa 120
tatatatttc atttaatgga atcacaggaa aatacaacta tagtttcaaa gcgcagtctg 180
taaactaaca cattatatat gaaaaacact ttacctttt cccactccaa gagtgagctt 240
taaggggctc aagag 255

Name: N286 Len: 112 Check: 248D
tttktttgct ttaattctcc atatktttam agtgcaacaa dgttcaamaa actactgaca 60
gtaataacct aggacgtcac agtaatggga ctttcagaat taaactgctc ag 112

Name: N287 Len: 253 Check: C6F
actcttacgg agaaccaaga tttggttcct agcatcctca aggtagctca caactctttg 60
taactgcagt cactgggaat ctaaccctct cttctggctt ctgctggcac caggtgagtg 120
tgatgcagac aaaaacttta aaaaaaaagc tactctyyct tcagaaataa tagaagtata 180
taaataaawa maggctgttg arctgagtct ccctgctggt gacttttrtaa ctramttggg 240
aagtaatgaa gga 253

Name: N288 Len: 255 Check: 16D
agctttttt ttttttttt ttttttttt tttgtttgtt tgttttgctt tgttttaat 60
aggcatgcaa agattaaagt agtgaaataa aaaataaatg accctagatt gggcaaagaa 120
aaccatcttt atgaagaaga aatttaaatg ctggarttnnw aaatttaaaa gacctggcct 180
tatgggtggg tgtttatcgg taatttaaaa ccaggcgaag ttggtagtag gcaaattttt 240
aaaaagtgat agagt 255

Name: N289 Len: 255 Check: 22C4
acaggaactg agaacactgg atatagccct cctccatctc ctcacacttg tctgcagcgg 60
tttcgatgtc actgatggtg gaggcaaaga tagcggctcc actctccacc agctgcttgc 120
agaggtggac actgttgcaa gakgcggcac agtgcagycg tgtccatcca tcactgtctg 180
cagcattcac attgacacca aagtccagca gaaacttcac gatatggtgg tggccagcac 240
agacagcatt gtgta 255

Name: N29 Len: 255 Check: DA8
accacgctca acgcagatga ggctgtggct agagggtgcg cactgcagtg tgcaattctt 60
tctccggcat ttaaagttag agagttctcc gtcaccgatg cagttccttt cccaatatct 120
ctggtctgga accatgactc agaagaaact gaaggtgttc acgaggtgtt cagtcggaac 180
catgctgctc ctttctccaa agtgctcacc ttcctgagaa ggggaccctt tgaactataa 240
gctttctatt ctgac 255

Name: N290 Len: 255 Check: 45A
actcatacat aaagacaata aataattaaa aaaatgaaag acccaagtcc aagcctgtgt 60
aacagaagca cttgggagaa gcagcaaagt atgaagaaag tgcagcagcc atcgcttaac 120
aatatctcac tgcataagga ctgctagact gaacaatatc tyactgcata aggaccgcca 180
gactgaacaa tatctcactg cataaggact gccagactga acagtatctc actgcataag 240
gactgctaga ctgaa 255

Name: N291 Len: 255 Check: 1E15
acaagaaaag agagtttcgc ctacaagtgc ctctcatggg cagggtttctg ttcctggtgc 60
agactaggaa tgttaacttc cttggttcta ggaccagcat atcttaatct ttcaacgaag 120
cagatgatat ggaagtcctc tggagactga agccacttgt cttagtctct tgagcaaatg 180
aacagacact gctatcattt gacaaggaat tcagactcag aacagagaca acaaagtatt 240
ttwdwadata attat 255

Name: N292 Len: 255 Check: 1CB5
acctgcactc aaagcggcta caccttgagt ccccattcca cacgcatcak aygtgaagca 60

atcctgggta gtcagccttc ccttgaagtc acaagtgcca cttctgatat tagaatactt 120
cactgccagg tgttttctcg amtctcccct cgatgtggtt cccwhnwggc agctgctgtg 180
tttggtaaga ctggttccca caggatggta aatatactag tttatctgat gatgctaaca 240
tgctgacttc a ggggc 255

Name: N293 Len: 255 Check: 2D9
actgaagawa agagttttta tgacttaaag gatacgttgt ttttacacca gtggatagct 60
tgacagtttg ttcttgatac tgccatcagg gacacccttg ttttgaatgg gcttccttgc 120
tatggtggga aacactaagg aacattggga tcctatgddc tgttggttgc aatgatgctg 180
gcttctggac agtcctctga tgtgggagat tgtggttaga catccaaagc atcactccag 240
tcagccacag tgact 255

Name: N294 Len: 215 Check: 2447
acaattaatg tatacttaga gaaaccagga taaacatttc tactatattt taactgaact 60
tgcctagcca acatttttac tgagaaattt atcaaatatg ctgtaagatt ctacaaaatt 120
gtgagacata cctagcttca ggattatttc ttatgcthht tcttattttg gttacacata 180
atctgcttag attctacagt aatgcttcta gatgt 215

Name: N295 Len: 255 Check: 2608
acaagcnttt ttattttttt ttttttttct ttttttttct ttttttttct ttttttttct 60
ttttttttct ttttttttct ttttttttct ttttttcccc aaaagggaaa atttaaaaaa 120
agaaaaaaag gktataatgc cmaaaamaaa aaaataaaac ccaaaacmga traaaaaaga 180
ggggaggggg aaaaacmacc caccgacmac cagggcgggc gctggggcag ggggatttgg 240
attmagggaa acmgg 255

Name: N296 Len: 255 Check: 17B
acattaaact ttacactatt acatgtcgaa cccaacgttt ccacatgggt ctgtttgcaa 60
agrtcatggt cagtggattt cattttctac aacaaaaacc atggcaactg tttttggcaa 120
agarattaga aaaatatgag cttagagtta gagacgagaa tctgtgggtt aaagcatgga 180
tgcatggrga gccttccatc cagaggctcc cacagttctg cctttcatgc agctaactta 240
agrggrtrtt tsrgc 255

Name: N297 Len: 254 Check: 195C
acaagctttt ttttttttct ttttttttct ttttttagg ggaaagttta ctattccttt 60
aatcttgtaa gaacactgag agaaaaaggc agggtatgta gaatatggat aaattcccct 120
ataaaacttt ctttacacaa ctttagcaga ttaayygtaa ahttgatggg aataargttc 180
acacattttc ttgtttagta agggtatcca tgggggtaac tttmattttg acgggagcac 240
ctggttwgcy atcc 254

Name: N3 Len: 232 Check: 814
acttcatccg ggatgagttt ctgagaatca gcactgctag tggagatgga cgtcactact 60
gctacccttca ctttacctgc gccgtggaca ctgaaaacat ccgccgtgtc ttcaacgact 120
gccgtgacat catccagcgc atgcatcttc gccaatacga gctgctctaa gaagggaacg 180
cccaaattta attcagcctt aagcacaatt aattaagagt gaaacgcaat cg 232

Name: N30 Len: 255 Check: 158E
acattgatca agaagaactc aacaaaacaa agccgatctg gaccagaaat cctgatgaca 60
ttacgaatga agaatacgga gagttctaca agagcttaac caacgactgg gaagaacatt 120
tggcagtaaa gcatttttct gttgaaggac aattagaatt ccgggctctt ctttttgtcc 180
caagacgcgc tccttttgat ctatttgaaa acagaaagaa aaagaacaac atcaagttgt 240
atgttcgcag agttt 255

Name: N31 Len: 251 Check: 1B8F
acctgtggta tgacatgtgc aaagattctg cctgcttttc gactatgaag gagacagacc 60
tggaggctgt tgcaacagca gtccaaaggg tggctgggat gcttcagcgc ccagaccagc 120
tggacaaagt ggagcagtat cgcagaaggg aggctcggaa gaaggcatct gtggaggcca 180
ggctaaaggc cgcaatccag tctcaactag atggcgtccg cacaggccta agccaactgc 240
acaatgcact g 251

Name: N32 Len: 255 Check: F29
acagaggcct gaaggagtca atgaagccca cgtcagcagt caggtttggc aggaaccaaa 60
agtggtgcct tcctccagtt atcagccaga tgatgaggaa caggatgcag cgagcaatag 120
caaggaggag aatgctggct acaaaacagc ctgcgcccgc actgaggtaa tacacacctа 180
ctctcatttc tgctggccag agagggaaga gggtggcagc tattactgca atcacaagaa 240
ttaatcccat gacaa 255

Name: N33 Len: 255 Check: 1EFF
ctttttttct ttttttttct ttttttttct ttttcctcag aggcttttat tgatttctgt 60
gcccagcaaa cagtggaatt tggaggagtg aggygagagc cttcggggag ttaagcacag 120
gacagcaggt gggaataagc caggatgagg ctccathnhc aactccccaa ggacaagaca 180
gccagcaaaa catgtgtcag gtgcagcagc actctcagtg ccggggcatc ttggctgggc 240
ttggggata cctgg 255

Name: N34 Len: 255 Check: 1229

```
 acccgggaga ggtgtcccgg gttccggtcg cagatcactc cctagcacct aagcraagcc   60
 aagatttcca agccagcacc ttattgggaa ggracagctg tgataaacgg agaattcrag  120
 gagcttaaat tgaccgacta tcgtgggara kacttnnttw tgggcttcta cccactggat  180
 ttcacctttg tgtgtccaac tgagatcatc gcttttgggg atcgaattga agaattcaaa  240
 tctataaata ctgaa                                                  255
Name: N35                Len:   255  Check:     181F
 acctttgggg aatctaatgt attgtaaggt attttacacg tgtcctgatt ttgccacgac   60
 ctggatattg aagctatcca agcttttgaa ataaaaatta aacaaaaccc caagcctggg  120
 tgagtgtggg atgctctgta agaccttgcc cagtattgga gatgccacgt gctctgggac  180
 taaggtctcc tggagcagag gtcctttagc tgttttcccc atctgatctt ttcagctatc  240
 attttatgcc cattg                                                  255
Name: N36                Len:   255  Check:     8A7
 accttctttc tagcggtcag tgctctctat tcctccagtg atgatgtcat cgagttaacg   60
 ccatcaaatt tcaacagaga agttattcag agtgatagtc tgtggcttgt agaattttat  120
 gcaccatggt gtggtcattg ccaaaggtta acaccagagt ggaagaaagc agcaagtgca  180
 ctgaaagatg ttgttaaagt cggtgcagtc aatgcagata aacatcagtc cctgggaggt  240
 cagtatggtg tccag                                                  255
Name: N37                Len:   255  Check:     1013
 actagctgtg ttctgcatcc ttggcacctt cccctgcata agaagctgcc ccggtgagca   60
 atgatctcag gccgggatca cttagcaggg gtcttccagc cagaatggat acccctctaa  120
 acagcaggag ggtgtgagtg caggcaatgt agcatgagga agagacatgg ttcctgagca  180
 ggcgtaaacc ctaagcaaag gaactccgtt cacgtcactg ccgcacatta gaaatgaagc  240
 aatcagagct caaca                                                  255
Name: N38                Len:   255  Check:     626
 accccattgc cgatttggtg aagatgctta ccgaacaagg caagaaagtc aggtttggaa   60
 tccacccagt tgcgggccga atgcctggtc agcttaatgt gctcctggcc gaggcaggag  120
 tgccctatga tattgtgcta gaaatggatg agatcaacag tgatttccca gataccgatc  180
 tggttcttgt cattggagct aatgacaccg tgaattcagc ggctcaggaa gaccccaatt  240
 ctattattgc aggca                                                  255
Name: N39                Len:   232  Check:     1015
 actgcatgct gtttgtcgca ctttatcttc aagccaggat gaatggagat tgggcaagac   60
 tcttacgacc catgctacag tttgggcttg ttgctttatc catatatgtg ggcctgtctc  120
 gagtttctgg attacaaaca ccactggagc gacgtgttaa ntggcctcat tcaaggagct  180
 gttgtggcaa tattagtggt tttgtatgta gctgatttct tcaagaccac ag          232
Name: N4                 Len:   255  Check:     6C1
 cccaggctaa agatgatata aatagaggta tgtcgtgcgt cacatctgtc acaccaagag   60
 gactgggccg ggatgaggaa gataccctct ttgaatcgct ttctaaattc aatgtcaagt  120
 ttccgcctgt ggacagtgac tctacttttc tacatagcac tccagagacc ccgagcatcc  180
 ttgctccctc cacacctgag gcagtgtgcc aggacaagtt taatgtggaa gttagagaca  240
 gcccaggaaa cttgg                                                   255
Name: N40                Len:   255  Check:     226F
 accgtggggc aagtgaaaag tgattgcggc cattggttaa tatgtcttcc tttttctttc   60
 tccagtgttc tagttacatt gatgagaaca gaaacataaa ctatgaccta ggggtttctg  120
 ttggatagct cgtaattaag aacggagaaa gaacaacaaa gacatatttt ccagtttttt  180
 tttctttact taaaactttc aaaacaatag aaactttgtc tttctaatct tatactttaa  240
 accgattaaa tcttt                                                   255
Name: N41                Len:   255  Check:     1549
 acctagaggg actgccgtgc ttttgctcac ttttacctgc ctacttctac atgaggcgaa   60
 gttggtcttt ctttaggcgt ctacatgaat tctaacttat gcattagtca tcaaaatggt  120
 tggctctaag tggtagagaa aggagacacc ttaggtatca tgtaggtcaa ctttttttgt  180
 gtgtggagga ggtgaacttc acggccacaa ataaacaggg tttgggcttt gtccagatgg  240
 tagacttaat aaaat                                                   255
Name: N42                Len:   251  Check:     865
 acaagggcga ggggctgaac aagacagcca ttgggggacta cctaggggaa agggaagagc   60
 tgaacctgtc tgtgctccat gcttttgtgg atctacatga gttcaccgac ctcaatctgg  120
 ttcaggccct ccggcaattc ctgtggagct ttcgcctccc tggagaggct cagaaaattg  180
 accgaatgat ggaggccttt gcccagagat attgcttatg taatcccggg gtcttccagt  240
 ccacagacac c                                                       251
Name: N43                Len:   255  Check:     2157
 acagtggcca aaggagtctg taacaacttc tcaaatactg ttagcatctt tgggtttgct   60
 gaggcttgtc agtgatgtca aatcctccaa gaaaagatct gcttagataa ctaggactaa  120
 cagtttcgta gtaataatcc aatttttataa tttgcctttg caaatctgcc tgaagctaca  180
 gggaatggaa attaaagcaa gtgtaaaatg ggtagtctga catttaaaaa aattacataa  240
```

agaggaggtt aaagt 235

Name: N44 Len: 250 Check: D88

acacgcgagt tggcaagtgc tccggccatt ccagcttcat cacccacttg gactggtccg 60
tgaactcaca attcctggtg tcaaattccg gggactacga gatcctctac tgggtcccat 120
ctgcctgtaa gcaagtcgtg agtgtggaaa ccacacggga catcgagtgg gccacctata 180
cctgcacctt gggattccat gtctttggag tgtggcctga gggctcagat ggaacagaca 240
tcaatgctgt 250

Name: N45 Len: 221 Check: 5E

acctggaggg tatgatgaac gaggcccccgg gacctatcaa cttcaccatg ttcctcacta 60
tgtttgggga gaagctgaac ggcacggacc ccgaggacgt gatccgcaat gccttigcct 120
gctttgatga agaagcctca gggttcatcc acgaagacca cctgcgggag ctgctcacca 180
ccatgggcga ccgattcacg gatgaggagg tggacgagat g 221

Name: N46 Len: 255 Check: 10AA

GCGTGGTCGC GGCCGAGGTA CATGGGGGTG GGGATGAAGG TTGGTGCCAC GTCGTTGCGG 60
AGAACCACCT CAGGCCTGGC CTCTAGTCCC CGGTGGAGTT GAGTGATGTC ATAGTCCTGG 120
TCCTCTTCGC CACCACCCTC TTCTCCATAA TAGAAGACAT TGTCACGAGT GTCATCCTCT 180
GGGAGCAGAA GGGGCTCTTT GACCTTCCTC TTCTTTCTCA CCAACAGAAG GAGCGCCAGA 240
AGAAGGGTCA GTAGA 255

Name: N47 Len: 255 Check: 1FFA

acacttgtag aagatttgta aaatgtaagg ttttttttt ttttttttaa tggtccattc 60
cttcatggga gcgtgtgcgc ctgggctgag agcgtgggga tgcacagatg ttctttctag 120
aacatattcg ttgcaacagc taactttgtg ttttcatggt tttttatgtt ctgttttgtt 180
ttttgaaaa tgagagaaga gctggagaga tgatttttat gattttttt tgttttgttt 240
tttactattt atagc 255

Name: N48 Len: 255 Check: 2358

acctggcttt gctagcagtc ttgatccaga caggactgat gtgaaaaggg ttggactctg 60
ccatattccc tgctgagcgt atggttagac cacagcagag aagtcctgga ataagacact 120
tgctcctcag aggacagttc tggagtgaag ggagtgtgta cccagtataa aaagaaggaa 180
gaaatgttga aaaagtatag aaacgccatg ttaaagagca tctgtgaggt tcttgatcta 240
gagaggtcag gtgtg 255

Name: N49 Len: 255 Check: 10E3

GCCGCCCGGG CAGGTACAGA ACCCAGAGGA AGGAGAGGCT GCTGGGGTGG AGGCCTAGGC 60
GCTGGAGACA TGTGGAGTTC TCTAGGGGTC TGCAGCAACC TCGGAAAGCT GGGAGATTCC 120
TTCCTTGAGA CTCCTACATA TAGAAAACTG ATGCTTCTGT CTCATTCCAT GCGGCTTTTC 180
CTGCGGTATT CCTGTAGCGC TTTCTCTGCC ACTGTGTCCA TAAACTTAGG GTTATCCTTG 240
GAGACTTCTT CTGGT 255

Name: N5 Len: 255 Check: D4F

acgtccatat atttgacaaa gaaagtttac attttttttaa taaagatgca aagtatgcaa 60
aaaacattaa tactgatgca aaaaaaaaaa gagtaaaagt aaagaaaaaa aaaacaaaaa 120
ccaaaacaaa agaaggcaga ggaagctgtc taaaccgtcc tcggcctgtc ggaatggtgg 180
taacaatgat atgaaatggg atctgtgggg aaggggggctt taaaagaaaa caaaatttgc 240
tgctttaaaa aaaaa 255

Name: N50 Len: 255 Check: 2F0

acagcagcct aaaaaagggc aagaaatgca gcaagaccaa gaaatcccca gaaccagtcc 60
gatttactta tgcaggatgc tccagtgtga agaaataccg gcccaaatac tgcggctcct 120
gcgtggacgg ccggtgctgc acacctctgc agaccaggac cgtgaagatg cggttccggt 180
gcgaagatgg cgagatgttc tccaagaacg tcatgatgat tcagtcctgc aagtgtaact 240
acaactgccc gcatc 255

Name: N51 Len: 255 Check: 1E92

accatcccctg aaagtgtcgg gtattcccctg cttcccctgg cacccattgg aggcatcatc 60
ggatggatgt ttgcagtgga gcaggatggg ttcaagaatg ggtttagcat cacaggggggt 120
gagttcacca gacaagctga ggtgaccttc ttggggcacc caggcaagct gatcctgaag 180
cagcagttta gtggtattga tgaacatgga cacctgacca tcaacacgga gctagaaggc 240
cgagtgccac agatt 255

Name: N52 Len: 250 Check: 214

actgaatacc ctgaagcaga acagggcaac caactgtcac catttaagag ggaagtctca 60
aaacatcccg cggggcgatg cttggagaag ctgtaagttg agctgaagct gagaacttga 120
ctccagagca gaaggcttaa gggtgaaatg accactcaga aatggagggt ctgctaacat 180
cactgggggtg tggattgacc ttggtagaga gacacttgtt ggcttgggct ggatggaaag 240
attactctct 250

Name: N53 Len: 255 Check: 56

acctgtcttt ctcctggcat ctccactctt ccaggaggct caccttagtg tgcgttctgt 60
cactgtgcgc tagtgaacaa ctgtcaagtc taaactgtct cgaaaccagt gtctgagatt 120

gacaggctat ttgcatgaca atgacacacg gttcttcactt cggtgggggtg ttttctccca 180
cagcagttag gaacccagat ttaaattaat gtgctattgt aatcctttttt gttttttttac 240
agaagaaaat gagat 255

Name: N54 Len: 255 Check: 54F
acggcagcaa atcttatttct gtttgttttg caataaagga agtgagggtg gctggctagc 60
cagggcaggc aggccacaac tttcacttct aggaatgctt taagagacac taaagggcac 120
cttggggcag gaggcgagta tccggtttggc agaggagcag aggcaggtct gaatgaaacc 180
tttctggggt cagctgtgag gatacaacag gaaaagcatg tgatgttagg gggaacactg 240
agctggccct gctgg 255

Name: N55 Len: 255 Check: 414
aacagaccgc ctatctggag gacgggccca tggccttgct gcagngngcc atggaggaaa 60
actgcctctc agcctccgct gtgcacaccg atcccaccag aggccaccgt cgccttctac 120
gcttctcttc ccagatccac aacaatggcc aatctgactt ccgccccaag aatggccgcc 180
atgcatggat ttggcatgac tgccacaggc actaccacag catggaagta ttcacttact 240
atgacctcct gagcc 255

Name: N56 Len: 255 Check: F5A
accctgctgg ccggccagat ggaccttgtg aatgaaattc cctttaccta cgagcagctc 60
agcatcttca agcacaaact ggacaagacc tacccacaag gctatcccga gtccctgatc 120
aagcagctgg gccacttctt cagatacgtt agccctgagg acatccggca gtggaatgtg 180
acttcaccag acacagtgaa tactctgctt aaagtcagca aaggacaaaa gatggatgct 240
caggtgattg ccttg 255

Name: N57 Len: 255 Check: A92
acttggacga gctttgagca tttaagctac aacttttcat gcagctccaa gacagaatag 60
aagctagcag ttaggtttcc atgcacttct gtgtcattac attgaaaatg gtttgtctta 120
aggttttagc actgggcaaa taaaactact agcaagaatg aagttatagt gtgaaaagct 180
ttaaacttcg taggtctagg gtaggtgaaa agagtcttca ccaaaaataa aggcagaaga 240
aaagtcatag tttga 255

Name: N58 Len: 250 Check: 12F3
acggcccgtc agaacagggc cagctcagca gcccagccag tccgatttga tgcttccaaa 60
cttcacactc ttcagacttt ggttctccaa cttcaggtaa taagcaccct tgaagaaata 120
gctgtgacca ccacctgca ggtccacgac tgcatccagg ttatcaggga tggcattcca 180
ggagtctgcg atgagcttcg ggaaaccggg gtccattttc ttctttactt cattgtatct 240
ccagaacttg 250

Name: N59 Len: 255 Check: 1D9
accaaggatc aaagactgag acacacagtg ctcaggccgg cagagggagg gggtatggca 60
gggaccctgg cccgcctgtc cctctagacc cactaccatg tttagggaaa atgggggtgg 120
gggggcagaa tcacactagc cgtgaaccca cttggatgat tgatgtttta ttcatgctgt 180
ttccaggaag ggatgtcaaa gctggaccag tctgaaccct cagaggcttt tcaattggcc 240
acaggggggt ctgtc 255

Name: N6 Len: 255 Check: 114E
acatggaaga cgtctgtgga aatttctctc tagcgtgggg gctccaaaca gaacctacaa 60
cacacagcag tatactaact gcagaaatgc caactagaag caatggcctc tggcagggtg 120
gccctatgaa atggcacaac aatatgaaat gtaaaaggac agtgaggaaa cttttacttc 180
aaaacaggaa gccacagtag aatggtttatc ttattctgac acattagaag caggaattgc 240
agcttcaagc actca 255

Name: N60 Len: 255 Check: 216B
acactgtgag aagctggtgt ttaatttcta tgacccttgg caggaatgtt acaacactgc 60
ctagcagctt cattagaaaa caatggaagc aaaaggttaa gactgattac tactctctc 120
catgtattgg gcaagaaact gtaacagaat ggggaggaaa ataagtaacg cttcaaaaag 180
tgatcatctt taccagatca caagctagac tgaatttccc attagagtca gttctcaata 240
acaaattatc aagat 255

Name: N61 Len: 255 Check: 162E
accactgtga ggcgactgtt tttgcacgaa agcatccatg atgaagttgt agacagactg 60
aaaaatgcct actcacagat ccgtgtcggg aacccctggg accccaatat cctctatgga 120
ccgctccaca ccaaacaggc ggtgagcatg tttgtgcaag ccgtggaaga agcaaagaaa 180
gaaggaggca cggtggtcta tgggggcaag gtcatggacc accctggcaa ttatgtggaa 240
cccaccattg tgact 255

Name: N62 Len: 255 Check: 2534
acagcatggc tgatatcaga gcagttttta acggtcccta tgctcataag gaaagtgcag 60
accatcgttg ggtgtaatat gatggaagga taccttatcc ccgacccgga acgtgtccca 120
gcaaaaccta tgatccactg attaagtcca cccgagactt cccagatgat gttatcagtt 180
tcataaggcg gcacccggtg atgtataagt cggtgtatcc agtggccgga gcacccacct 240
tcaagagaat taacg 255

Name: N63 Len: 255 Check: 1815
acctatacct acgaggggcc ccgaccccat tggggcagga gcactggttt tgaagagatc 60
cataaagttc gcctgaggga ctgcaggnng ncctgnggag gacatcnggc cnggaggntc 120
tgaggcaaag atatctgaag caagcaggtc gttngctgaa gactgacaaa aggaaggagg 180
gagaagagtt attcagcaag agggaaaaca cagcttctgt ctcactccta ctaacaaccc 240
aaagctaaca gccat 255

Name: N64 Len: 255 Check: 21BB
aggtactcaa atcagtccag gcacaggagc tggcaaaagc taaaaaacag ctggaaaact 60
ggtccttcca gacctagggt ggtggtaaaa atccacatac cggagtcagg aagattccaa 120
ttcaaagaca aaggaatatg cagaggcccc ttggcagtgg gtcctgcctt ccacagcagg 180
ggaggaaaac caagaaaaga gctgccacat cctccaccca gtcccacccg tccccttga 240
cagcaggact cagtg 255

Name: N65 Len: 250 Check: 895
acccaggcta tacatgactg tcgccctagc caggactgcc ataaccttcc tggctcctat 60
cagtgcacct gccccgatgg ttaccgaaaa attgggcccg aatgtgtaga catagatgag 120
tgtcgctacc gctactgcca gcaccgatgc gtgaacctgc caggctcttt ccgatgccag 180
tgtgagcccg gcttccagtt gggacctaac aaccgctctt gtgtggatgt gaacgagtgt 240
gacatgggag 250

Name: N66 Len: 255 Check: 142C
acaagctttt ttttttttt ttttttttt tttgatggct atcaagtgcg ttttattgaa 60
tccattgtgg atagatgagt gttacacctg cgtgtcggga ggggcagagg ggcaaggagg 120
gatacagctg cagatggtgg agcacgtcag gatcagaaac cagaatcctc tatcaagtct 180
ggagacgagg agcattaaga gcaatgatga cgacagtaac aatagtgata atgaccatga 240
ggatgctgag gacca 255

Name: N67 Len: 254 Check: 19F0
actgggcctc accacatcca gttactccga tccaactatc ggctacgaga acaaagcgct 60
gatcctctgt ggaggctaca gtgtggtaga tgtcaccact tttataggct ctaaggcccc 120
tattccaggt acccaggaga ccaatagttc caagacccca tcccttcttc cctgtgcctc 180
agggggcttc agcagcttcc gcgtggtcat ccgccccttc tacctcacca actccactga 240
cacggagtag atgg 254

Name: N68 Len: 255 Check: 1D75
acacgaaaac agtcccagga gagtattaag acattgcttt ggtcttaaaa ccacaaatca 60
tacatgtgac ccagtgcaaa tgaagagttt aagagataaa gggaggggaa ggggaaaatt 120
taaaacatag tgggggaatg ggggagactg ttgtaacggg agncaccctg tgaggtggct 180
gaagggtgaa gaaagcactt gaatttttcc caaataaggg aggatggagg gaaacaacct 240
gtnttcaaaa atgtt 255

Name: N69 Len: 255 Check: 1149
accactgaag cactactaga cttcacccaa ggaatgaact agccactcag acacagtggc 60
cctccatgtc caaatggact tgaagagtat tgctgacaga agcacccagg attctagcta 120
gtcctaaagc aatagcaggc aaaggaattc ccaaacagga atctggaact ggaaatctcc 180
atatcttttt ggaagtggga atgaagagcc atatataaat aaagatgtta tttctgaaca 240
atttcaattg ttccc 255

Name: N7 Len: 255 Check: 1F93
accccactgg caaattctgc cgagtgagga gcttggttat tggggccagc agtcgtttta 60
cccggaatgc ccttcctgct ctgctcatct acaaggcggg tgaattgatt ggcaattttg 120
ttcgtgtcac tgaccagctg ggcgaagatt tctttgctgt agaccttgaa gctttcctgc 180
aggaatttgg attgctccca gaaaaggtct tggtgctgac atctgtgcga aactctgcca 240
cctgtcacag tgaag 255

Name: N70 Len: 255 Check: FFF
acaccagttg aggttctaag acctggaagc cacagaagcg cagaatgcca ctctgaattg 60
gccagagaat gacgttcatg tccccgtgga caccctgcag agagtacatg gagccgctgc 120
ccccggtggt gatggaaagc aaggtcttct tattctggaa aggacccttg tcatacatgg 180
tggcatacgt gtaggcgaat cctgctacaa gcactctctc aaaccagcct ttcagaatgg 240
cgggcacccc aaacc 255

Name: N71 Len: 255 Check: D39
acaacagatt ttgcttttta tttatttata atgtaatttt atagaataat tctgggattt 60
gagaggatct aaaactattt ttctgtataa atattatttg ccaaaagttt gtttatattc 120
agaagtctga ctatgatgga taaatcttaa atgcttttgtt taattacaaa aacaaaatca 180
ccaatatcca agacaggaag atatcagttc aacagcttac tgaagttagg aaactaactc 240
cactcgtatg ggaac 255

Name: N72 Len: 255 Check: 34A
ccaaaggaaa gatacgggac aagccactgg cccctcgaac catctgcctt tggaaatcaa 60
attttttaat ataaatgtta tgattgagga ccacatgcat agaaaaatgg tgcaaaaacc 120

gagacagtat catcagcttt atcaactgta accatgggtt ggtttcttccg ggccagtccc 180
agtctgttaa gaggcaaaag aatttggaaa tgttacctca cagaggcacg ggtctttttg 240
cagttgccaa cctgc 255

Name: N73 Len: 255 Check: B61
acacgacgct gccaagggaa gctcggatca ggttatacta atcctatcag tctgcatgcc 60
ctcaaacgtc cctcaccatg gccgtgcgtt cttcatcctt gcggcttaag gtcccaccac 120
tcttccctct gcatattccc tttggagaac agcaaggtga gcttccttag cataccaccc 180
cagggaatga tgcagagtta gcaatagacg caaatgaact ttcccaggaa atcacttctc 240
agacccacaa agtgt 255

Name: N74 Len: 255 Check: 1E1A
acatacattg tatgggttta agctggctgg atattatata tttcaagttt aaaaatgcac 60
tacagataga gtgtccatag tttaaggcga aattacagct cagaactgtt gtcctttcta 120
attttgtgga agcttctttg acaaattaaa aaataaaata agagagactc agatgttcat 180
aacacataga cgatttccct tcattgtaag ttcactgtgg acttttcctc catttaaata 240
tttcgtgtgc caagt 255

Name: N75 Len: 255 Check: 994
accgcggcct gggcctagng acttaacagt agcaacagca gcggcggcgg cggcagccga 60
cttcccgatt cgagcacagg cgcgcgaaaa tccgcacagg cgagtagaga aaatggcaga 120
cgatattgat attgaagcaa tgcttgaggc cccttacaag aaggtgagaa aacatgctag 180
ngagctgcaa tatatttctt aatttagcat tattcacgaa actactgctg aaatgtaaac 240
taaccttccc ggagc 255

Name: N76 Len: 237 Check: B22
actatttttg gccaacagaa tttgcaaaaa aatgtaaaat ttaatataat cattttgatg 60
ggatgagttt tactgtcatt aaaaatattg gaaagcacaa gtattagtat ctgtcgtgaa 120
aaaccaattt tagtcagagg cgtgtttgtg cccaattagg tatcatgtat gtagttgtaa 180
ggatgtagaa ctcaaatcac acagggctct gcccagagac accgagttca acagtgg 237

Name: N77 Len: 255 Check: 218
acgttatcaa atgtcagcct ggatactgtc tacaaggaga tggtgacgaa agcccaacag 60
gaaataacca tccagcagct aatggctcat ttggattcca tcagaaaaga catggtcatc 120
ctagagaaaa gtgaatttgc aaatctgaga gcagagaatg agaaaatgaa aattgaacta 180
gatcaagtta agcagcagct gattaatgaa accagtcgaa tcagagcaga caataggctg 240
gacatcaacc tggag 255

Name: N78 Len: 255 Check: 1ED8
ttttttctggt gcactccaag tgctatatgc ctggtttatt cttcaggaaa ttatatttgt 60
ttttctttta caagagcaca acaggaacca aagtagaaga gtaacagata cagcactcag 120
gataaatcat atctttaaaa taataaaaaa aaatttacac cttgtcctat atcctgttag 180
tattttcata tgggcatgat tgaaaaaaaa aaaaacaaca acaaaaaagc aagcatttac 240
aatttttttt tcgat 255

Name: N79 Len: 255 Check: EF7
acaggggggaa tggggttgtc ttatgaatat aaacctgagt tgagcctcag tttcctggtc 60
ttttctatcc cctaagaggc ttgaggatat ggcctagcat tcagtgggag ctggcacctc 120
ttcccacact acctgtatgg actggccggt gctcctctga acgtattatt agtgtaactc 180
tttatttttgt gtatttgtta catcatgtgt gtgattgcct ttgttaaggg tgtctgagga 240
gtatgggctg acagg 255

Name: N8 Len: 255 Check: 10E5
acctgatttt acggcggcat gggaatctct tcattaccct gtttgcgctg atgttgactg 60
cagggcttcc cgagctcaca tcagtcaaag atatacagta tcttaaggac tctcttgcct 120
taggaaagag tgaagaagaa gcactcaaac agtttaagca gaagtttgat gaggcactca 180
gggaaagctg gaccactaag gtgaactgga tggctcatac agttcggaaa gactacaggt 240
cttagcgtcc gctct 255

Name: N80 Len: 250 Check: 1094
accctggagg cccaaggccc ccgttgagaa tacctaatca ggcacttgga ggtgtcccag 60
gaagtcagcc attactcccc agtggaatgg acccaacacg acaacaagga catccaaata 120
tgggcggacc gatgcagaga atgactcccc caagaggaat ggtgcccttа ggaccacaga 180
actatggagg tgcaatgaga ccccccactga atgctttagg tggccccgga atgcctggaa 240
tgaacatggg 250

Name: N81 Len: 255 Check: 2615
acctacccag aagaaagaaa aacttgcctc tctggccaaa cagctgcttt gtcgagcatg 60
gcctcatggg gacaaagaga agaaccccac ttttaatgac cacctccatg acttgctttg 120
catctacttg gagcacacag acaatgttct gaaggccata gaggagatca ctggtgttgg 180
tgtcccagaa ctggtcaatg ctccgaaaga tgcctcctct tctacattcc ccacgttgac 240
caggcacacc tttgt 255

Name: N82 Len: 255 Check: A8E

acctaaagat cctgacaggt cttgctgaag ttgctacaac aaatggccat aaactgctta 60
gtctgtccag cagctacgag gcgcagatga agagcctcct gcggatcgtg aggatcttct 120
gccacgtctt ccgcattggc cctctgttcc ccagtaacgg catggatatg ggctacaatg 180
ggaataagac tccaaggagc caggtgttca agcctttgga attgctttgg cactctctgg 240
atgagtggtt ggttt 255

Name: N83 Len: 250 Check: 212
acagaacccc cagggcagcc ccacactttgg cagggtccat aaagacgagg cagctccgtc 60
catcctggag gaagatggtg gctgggaccc tgctggctgt gcactcgggc tgcttcagac 120
tttgctccct ccctagtcca ttgccagacc caggaagaag gctcatgtct gcactggggc 180
gatcacagaa atgcctgttg tcaggggatt gtggggagca gtggcttgtc tggggtagag 240
ggcagaaggc 250

Name: N84 Len: 255 Check: CD1
acaaatccca caggtgaggg agactactgn gtgggaagaa aagctctaga tacgccttgn 60
ggacattccg ggttttctgca gtggttaaag aaagacacac tcaaactatg cctggatgat 120
ggaagctgct cactcaggcg ataggngatc aatccacttt ttctttggtt nggactagaa 180
gatgagggtg gagtaagcag gaaggggata gatcctggaa gaattgtctg gaatttttcca 240
gagatatcag taata 255

Name: N85 Len: 255 Check: 149A
gggaaaagtc taaacatagc aacagtgaac ataaagattc tgaaaagaaa cacaaagaga 60
aagagaaaac caaacacaaa gatggaagct cagacaaaca taaagacaaa cataaagaca 120
gagacaagga aaaacgaaag gaggaaaaga ttagagctgc tggggatgca aaaataaaga 180
aggagaagga aaatggcttc tctagtccac cacgaattaa agacgagcct gaagatgatg 240
gctattttgc tcctc 255

Name: N86 Len: 255 Check: 67
actgcgcact ccccaggcac agagcaccac caagtgcctt agaaccttcc ctgacagaga 60
tggggctctg cccctgagga gcttacaatc cggggatcta caactcaaag cccgagttgg 120
acagcgagct aatttaaggc aaaaacctcc gtcccctaga gctattatag atggaattat 180
tttagcattt ggaattaagc caatgaagag agaatttggt tgtggattta atttggttgt 240
ggatttttct caggt 255

Name: N87 Len: 255 Check: 1F03
accctcacag aatagcaaat accctttctgc tctggacgtt ggttcagatt tgaatttgga 60
agtaatttcc ttggaagtcc ctgtggcagg tcagagaaat ggaaataaaa gttactataa 120
ttcagattta tgccttattt tttagcattt tttaaatgtt gggtctttca agctgttttt 180
tgctttttat tagatctata taaataagtt aactagcaat ttagttttgt atttaagcta 240
caattaatct ttttc 255

Name: N88 Len: 255 Check: 219F
actataagca gtatgttacc tatactgtgt gtccttgctg ggcgtctatt cctttgcccc 60
gcctaggaca aagngtgcaa ctctgataag cctgtttaaa agaaaaatac taacactacc 120
aaccaagcag acacagtatc caaactcaaa gtgcaaaatc actgaaccaa aggngatgat 180
gttgaagaat tacagnggtt agaaacaaat tccaactccg ttaggcangc ggagaagatg 240
tgctcacaga ctcat 255

Name: N89 Len: 255 Check: 18A9
actggtcacc actggattcc cgacacattt cagtcacgag cccccagaag agacggatgg 60
cccaccggga gctatcgctt tagctgcctt cctacaggct ctggggaagg aggccgccat 120
ggtggtagac cggagagcct tgaacttgca tacgaagatt gttgaagatg ccgtgaagca 180
aggagttctc aagacaccaa tccccatatt aacttaccga ggaggatccg tggaagatgc 240
tcgggcattt ctgtg 255

Name: N9 Len: 255 Check: CD9
acttgtatca aatagaaaaa ccttataaag aagtcatgac aagacaccct gttgaagaac 60
tcttagattc ctatcactac caagtagaac tggctctaca aactgaaaac cagcaccgag 120
ctattgatca agtgattaaa gcagtaagaa aaatctgtag tgctttagat ggggttgaga 180
ccccccgccgt cacagaagca gtgaagaagc taaagcgagc agttaacctt ccaaggaaca 240
aaagtgctga tgtga 255

Name: N90 Len: 255 Check: 2248
actgtaggct ctgggaacaa gaacactggg ttcgattcat gacttgagag acttaagtta 60
cccaaaaacat taagatttta aaagactaaa agtagtgagg gaaaaaaaaa caataaaaat 120
tgcaagcaga gacttaacta agagttttac aattaaaaaa aataccaaat ttaaagtatg 180
tcagttttat agaacttgta atttggactg caaaaggaat gcttaaggaa ttcacttcct 240
tcgctcagta ttttt 255

Name: N91 Len: 255 Check: 168C
actgtgtttg tgtaaatgtg ctattaatat aagtatttac gtgttcctaa atattcacag 60
actctagttg caaggtcaaa ggcagcttat gatcccctga gttaaaaaat aaatggtgac 120
ctgtcatcta tgaccttaaa ctggcagcaa gaaaactagc agaggtgtgc aactgtctgg 180

tagtggagta atggctttct ttctatgtcc ttgagcttga tctatgcaga agagagtaga 240
ccattaaggg aagag 255

Name: N92 Len: 255 Check: 1F8E
accagcaaga agaccaccca gatgttgtca cctgccctga acattacagg caaccattaa 60
atgtttattg tctactagat aaaaaattag tttgtggcca ttgtcttact ataggtcaac 120
atcatggcca tcctatagat gaccttcaaa gtgcctatct gaaagaaaag gatacacctc 180
agaagttgtt taaacagtta accgacacac actggacaga tatcactcgc cttattgaaa 240
agcttgaaga acaga 255

Name: N93 Len: 255 Check: 238
accttggaaaa ccaacattct gaatgtatgg acactggaca tggggttacc catgaggctt 60
tcaaaagaat ccaagaattt gctctctacc ctacccagta gtgtgatggc atcactagtg 120
ccaggtatag gactaaagtg agtattaggt tgaatattga tgtagactct ttgtgtgtcc 180
tatacctctt aatgcataaa ttcttaaatt tgtctttaga gtccagttgg cctgttaatg 240
gtgaatttcc tttga 255

Name: N94 Len: 250 Check: 3EE
acgagactct tgggcttgtt tgccgccaag gcttactttc caaggttgat tcctagaacc 60
aacagaatgg aacaagagaa tgcctcctgc caacggtcct ggcttgcaga gatatgccgc 120
agtgcacctt cccacagaaa gagacacaca cacacacaca cacacacaca cacacacaca 180
cacacacaca caccaaggaa agcctccaaa aagagattct cactgtaagg aaggatgtaa 240
agaaaataga 250

Name: N95 Len: 249 Check: 92F
acttttactg taaacggggc aaaatccaga ctgttcaatt gttattatcc caaactgagc 60
aagttttaaa gttgttttta tnttaaaaag ccatcagtaa taatctggaa ttttttactt 120
ttaaagctgc ttagcctcaa ttttaacaga ttctgaaatg tcttaattga tgtaattagt 180
gaacttaatt actctattac tgttttcttt aaagcattta ataaatacct gttgactgcc 240
taggaagag 249

Name: N96 Len: 255 Check: 24CA
caagcttttt ttttttttt tttttgccta tttgatttat tttatttttac tttataagta 60
actggcagaa acacaggaat aaatatttct ataaagtggc tatcctaaaa atacttgtga 120
cgattatctg aatcatttgg tcctaaaaaa tgttgcttta aaaatcaagt tcagcctaat 180
tggaggtaaa tttaatcata tccagcactg gaatatttta ttctgctttt ggctgtaggt 240
tatacttttg tggct 255

Name: N97 Len: 255 Check: 180C
acattggttg cttgctgttt cacactttgg ttaagtgctg acatattttg atgtaatgag 60
taggcagcca gaagcagcca gaaataattg atctgtcctc tggtaatgcc aggttttcca 120
acatttgaca tcccgttgag gaggggaaag gctgaagatg gcactgggag acacctgtgg 180
catctagacc ccatgtatac cggcgtatga ctttagggca catgtgcttg ggcggagacg 240
tggtaggcga cagga 255

Name: N98 Len: 255 Check: 2140
gtcacacaga ccgtatgtaa agaggcatcc accacaaggg gagcagtgca gtgttctgtt 60
tgtaggggtc caggaagaat caatgcctcc aacagtggac aaatactaaa agtccttaca 120
gcaaaccata tgttgttagc ctcgtggtta ctgcttaact gcaaacctgt tgagtaatca 180
accttataaa caatagctag acagtcatag gcctttaaaa caaatgatct aataacagca 240
aaggagagat aaatt 255

Name: N99 Len: 255 Check: 8F9
acacatagat acaaatatca atggtcagtt cctgcttcac tctcaaagaa gtggttgctc 60
acgtctgaac attttggcta gaaaacaggc cagtgttcaa tgctaacctt cagtatgtct 120
gactacacag agaagccagg gcatgtgcgg cactaacata gcccactagt cccactgcgg 180
ccacactgct gtgctgctgt aggtagttca ggttactgat tcactgagta aacacacacc 240
tagaaactat agcaa 255

Name: T1 Len: 255 Check: 1DEB
actntctgtg tgactncaga tgttcctcat ccagctgntc ctcaataggt nttttctggg 60
gaggattcca ccacttggnc gcgatgccag gattcttntt cacagcctga ctccnaatga 120
gttccctccg ctccttctcc agctctatca tctcctcaga gggcctcact ttccggatgc 180
agaactgntc cttctcgtgc tcgacctcct caaagagctt ggagggcttc ttgcctcntg 240
gaaggcacgc agctn 255

Name: T10 Len: 255 Check: 3AB
actaccgagg agcacaagcc gccatagttg tgtatgatat tacaaatgag gagtcctttt 60
cgagagcaaa aaactgggtt aaagaacttc aaaggcaagc aagtcctaat attgtgatag 120
ctttgtcagg aaacaaggct gacttagcaa ataaaagagc tgttgacttc caggaagcac 180
agtcctatgc agatgacaac agcttattat ttatggagac atcagctaag acatcaatga 240
atgtaaatga aatat 255

Name: T100 Len: 255 Check: 1997

```
ttcggcttag cgtggtcgcg gccgaggtac atttataaaa gaacgtctgg tcctttttaca   60
aaaatcttctc atttaatttta aatacagttc atatttacag attaaacatg aaatatctat  120
ggtcaccaag catattgcac atcacagaga gagagagaaa catttgtgca tctcagtaag   180
tttgcccaga gtgttccaact ctagactttt tattttgtag aaacacattt actttttgtg  240
cgtgtaataa ataaa                                                   255

Name: T101              Len:   255  Check:      F08
acaagcaagg acgtccacga gtatccagcc tcttaacagg actcttcccc agccccagtg   60
ggcagaacag atctgaacag gaaacttatg ccagctgctc caagtcctca ggtagaagga  120
agaaggactg tatctggact ggactgagac acaagtggaa gagccccgac tatctcccag  180
agactatgaa cctggagaac gtgaagctgt tgtggcccat gggacaccctg taggagcaga  240
aatgtgactt tggat                                                   255

Name: T102              Len:   255  Check:     1570
gagtttcttt atgcttgggt aaaactgcgt tataaattta acaatacaaa aatggcttag   60
aaacgagagg aggaatgata aagtataacc tgnccagctt gcacacagac tggcaagcaa   120
atgacacaat gaggacaatc agcgaggggc acatgaacct caggaagaat cgtggaccac   180
aggaccttct ccatggcttt actctggntc ataggnaatc agaagaccct gccttgatac   240
atctcatggg tctgg                                                   255

Name: T103              Len:   255  Check:       94
ttacaagaac agcaaaacctg actcttttact gagaatggag gaggagcaga ggttggagaa   60
gtcacccctg gctgggaaca aggacaagtt ttcctttttct ttctctaaca gaaaactcct  120
gggctccaag cccctcaggc cggcgagcag ccctggcgtg ttcgggacct tgcagagctt   180
caaggaggac aaggccaagc ccgttcgaga tgagtatgaa tacgtatcga acgacgggga   240
agctgaaaat tgacg                                                    255

Name: T104              Len:   255  Check:     13AE
atcgaagtgc ccagtagggg gatgagggca ctcccctgtg ctggggcacc ggcgggcttt   60
aaaccacagc atctactgat cctgctcctc agcaaggctc tggcttcttt cctgagtatt   120
tgggtctaag tagtagtggc cggttggtta aacatacagg cttttaattt ctgtggacag   180
aagtttggga atcgttgggc ttgaagccca aggcccctta aacgtggccg ggttaacaat   240
acctttaact aactg                                                   255

Name: T105              Len:   255  Check:     1EF6
atccgcctaa ccgggggcccc gcccaaggaa caagcaaccc ccaagcaaaa aacgcaacaa   60
agggcccaag aaaaagtccg gaaaagaagg ccgaacctca aaaaacccca agaaaaggcc   120
ccgcccaaac atagaacggc caacaaaatg acaaacgccc aggctgcata gatacctcca   180
tattgctgtg caggcttcca tgcgccaaaa gcaaggccag tggcagtgac tgccaagagt   240
aaaccaagta agaag                                                    255

Name: T106              Len:   255  Check:     1B8E
cagggctgct cctatgggtc ttcaagggga agcagcacaa cccagtgtga gtcgaatgag   60
tttaaacacg agaacttctg ctgccaactc tgccctgctg gcactcacct cattaatcca   120
tgccacagga accgngngtg agagtgaatg tgccccatgt caagctcaac acttcataga   180
tgtgaacaac agggaacctg gctgctctcg cttgctctaa gagcccggga ttgaccaaga   240
aagaaagtgt tcgaa                                                    255

Name: T107              Len:   227  Check:      789
acaagctttt ttttttttttt ttttttttttt ttttttcgg agctgaggac cgaacccagg   60
gccttgcgct tgctaggcaa gcgctttacc actgagctaa atcccaacg agatctacgg   120
ttttaaaaact cctcttgctg agctgcccag taggggataa ttggcacagc ttttccaaag  180
aacctaatcc aaaccaggca tgggccagca ccctggtaa tcctagt                 227

Name: T108              Len:   255  Check:      751
actgaacctg tgtcccagcg ttacacttca tggtctgcac tcagagctca ctcagctagt   60
gctgaagtca ccgtccatgg ttgaagggtg acaagctaca catagaggca gagcccactt   120
gttagctgag ccacaattgc acagtcgtgg agaccattgg tgtctgaggt tgctgagtcc   180
atggcttccc acactgcagt atttccaata cctagtgagg gccgtcttgt cagccaagtt   240
ttaaaacaaa tacct                                                    255

Name: T109              Len:   255  Check:      355
acctgacagg cacatacgtg caggaggagt ctccggaagg tggcaggttc aagaaggaga   60
ttgttgttga tggacagagt tatctgctgc tgattaggga tgaaggggct cccccggagg   120
cacagtttgc catgtgggtg gacgcggtca tctttgtctt cagcttggag gatgagatca   180
gtttccagac cgtctaccat tactacagcc gaatggccaa ctacaggaac accagtgaga   240
tcccattagt gctgg                                                    255

Name: T11               Len:   255  Check:     90A
acgtgctgag gtggagctgc accgactttg acaacattct tatgactgtc agctgcttcg   60
aaaagtccga ggtattgggt aatcagaagc agttcaagaa ctttcagatt gaggtgcaga   120
agggccgcta cagcctgcat ggctctgttg accactttcc cagcctgaga gacctcatga   180
accacctcaa gaagcagatc ctgcgcacgg acaatataag ctttgtgctg aaacgctgct   240
```

gtcagcctaa gcctc 255

Name: T110 Len: 255 Check: 1685
gggtggggct caaaaggtga aaaaaatatc aaacaagtat taaacagcat tattaataag 60
tttgccagac tcctggtcat gaataacttt gtggttcgca ttgaatcctg aactgaacat 120
tgttgactac ctagctacct ccaagtaaac tgagaactac ctagcaaact ctgaacttca 180
gtccggtggg ccgagctggg tcttcctttt tgtagttttg cagtataggg tggtgatatc 240
tcctgtttgc aaaac 255

Name: T111 Len: 218 Check: 2103
ttcggcttag cgtggtcgcg gccgaggtac tcctggtggc gctcttcccg aagcttcttc 60
tgctcttgct taagccgctg ctttatctct tcaatggctg ccttcttgcg ctccaccttc 120
cgcttgtgga agcctgtcag gtattcccgc cgcttctctt catcaaagtt gaggatgagc 180
cggggacgcc ggtcatctcc atctcttttt ttcttctt 218

Name: T112 Len: 175 Check: 94D
tggaaacttc tacatcctgg ctgaagataa aatatcacct gttgcttctg ccttggaaac 60
aacatttgat gttactgcaa cgttttcagg tgtggatctg gaaggtggca cttgtagtca 120
cccttttaatt cccgataaag tgtctcctct tttacctgcc actcacgtga ctatg 175

Name: T113 Len: 255 Check: 17C4
cagatgggcc aaccttgggg cctccagct ggaagggcgt tggatggaca ccaggcagtc 60
cctgcggcca gaagttttgcc tggcttctgg ccccagctcc taggcctgcc cagcaatcat 120
ggaatcagcc cttgttccca accagtgcag tgggcatctt caggcagaac tcaagaagct 180
agcagagggt ccataccacc tctacaaggc ccaaggggcc ttgtgggtaa gacagcaaga 240
aaaaaaacta tagtc 255

Name: T114 Len: 255 Check: 1635
atcgaagtgc ccagtagggg gatgagggca ctcccctgtg ctggggcacc gccgggcttt 60
agaccacagc atctcactga tcccctgctcc ctcagcaagg ctctggcttc tttcctgagt 120
atttggttct agtagtagtg gcggntgntt agacatacag tctttatttc tgtgacagag 180
tttgtgatcg tgggctgagc ccaggccctc acgtgccgct cacatactct actactgggc 240
tccactccag ccctc 255

Name: T115 Len: 255 Check: A62
acaagctttt ttttttttt ttttttttt ttttttaatc aaaagacaan tttatttgga 60
cagaaacctt cagacagaac atagaggaat taggcattat taaaatacac tcttgccaag 120
ggattnaaca ttagaatatg ggggggggat gggaaacaca ggacaactca nccactgcag 180
gggaagcgag cagaccctgg agacagccac acgtaggcaa agggtacctt tccccacaa 240
acttctacct ccacc 255

Name: T116 Len: 255 Check: 9A1
ccctggtggt ggtatcttac tttcttatta ccggaggaat aatctatgat gttatcgttg 60
aacctccaag tgttggctca atgacggatg aacatgggca tcagagacca gtagctttct 120
tggcttacag agtaaacgga cagtatatta tggaaggact tgcgtctagc tttctctttca 180
caatgggagg cttaggtttc ataatcctgg accgatccaa cgcaccaaat ataccaaaac 240
tcaataggtt tcttc 255

Name: T117 Len: 255 Check: CE2
cgaaaagcca tctttgcatt gttcccgggt cgtgctccgc gctcactgca gccaccttcg 60
ccgcccaccg tctcctccaa cgcggactcc ggcagttttc tcgccagagt cctcgaaact 120
cgactaattc cttacgcgta gcaccagacc accggcgtgc cccaccatgt cagacgcggc 180
agtggacacc agctccgaga tcaccaccaa ggacttgaag gagaagaagg aagttgtgga 240
ggaggcagag aatgg 255

Name: T118 Len: 255 Check: 5DC
aggaaacttt agccatggat gtgagtcacg gaggcttatt cctgaactga atatcacctt 60
ctgcaatcaa accagaacgg catgttttaa tgagaatgaa caccgttctc attctctcat 120
tcttttaacg ttacacagaa ttagagattg ctgtgaattt ttttttaatt tgaaatccgg 180
attaaagtga aagcagtggg agtgaagctt tacaaatatt acattactat gtcattgaca 240
tggcttttac actga 255

Name: T119 Len: 255 Check: 113D
actccgttca cctcctcctc aagactgcca acgaaggagg gtctttatta tacgaacagt 60
tgggacataa ggcatacggt ctggctggga agctggcagc ctccggatcg attacaatgc 120
agaacatcgg agctatgtca agctacctct tcatagtgaa atatgagtta cctttggtga 180
tcaaggcgtt aatgaacatt gaagatacga atgggctgtg gtatctgaac ggcgacttatc 240
tggtccttct ggtgt 255

Name: T12 Len: 58 Check: 1902
tcagtcacca ccactgaccc agaacgcagg cagttcctgc tacccccctca aaggggtg 58

Name: T120 Len: 255 Check: 1CF6
atgcagctct caggagaaga ggccccccta agattgtcag aggagccacg actgcaccca 60
tcacaccaga atgcagcatc caggccagat gctttgggcc tgggctctgc tcatacgata 120

```
 ttgactggac cagcattcca gctccaatca tggctgcgaa ggttgcacca attgtcatcc  180
 aagagcctgt catcatgaag ttcatgaggg caggtgatct ggctaatgcc agggcagaca  240
 acgctgttaa accaa                                                   255
Name: T121                Len:   255  Check:      9D1
 acaagattgg catcaattac tgcctgaacc tgctgttgat ttcctgcggt gatgttggag   60
 aggaaccaca ctgcttcctt attaattttc tctttgggat gagtgaggag tgctgggaag  120
 tgtgagagag catcacagtt taaaactact tgtgtttgct catcagttcc agtgacaatg  180
 ttgcccacag ctcgcagtgc agcagtctga actttaactt cctggtggct gagtagccgg  240
 aaccaaatga ggaac                                                   255
Name: T122                Len:   255  Check:      DD5
 acaagctttt ttttttttct ttttttttct ttttggtgca acctttgacc tttattcatg   60
 tcctgccctn ccaccnagta aagtcaaata caaggctact acccaaagca gaaaccccag  120
 tccctatcct anactcctcc tgtgagccna aaatatataa agtgctggtg tgtaatatgg  180
 ggaaggccna acggactnag aaccccaccc ctggacctca tcaggaggag gagcccttgc  240
 anaaaaaang gcagg                                                   255
Name: T123                Len:   255  Check:      7CE
 tcactttgtg atggttgtag gcgccctacc agagtcccca ccaagaagtc atatctctag   60
 tgctgaagac atcactcagc ttgggagtcc gaggacctgg ggcttcctgg gcctgagctt  120
 tgcctgtgaa gcaaaggaag ttctctgatc aaaagccaag ttttccttcc cactgtctcc  180
 caagacacct ctgtcttcgt cttgctaccg ctgagagttg catggggcac ttgtctaaaa  240
 attcagcctc ccaga                                                   255
Name: T124                Len:   218  Check:      1AE3
 tgagacagtt cagtgttgtg ggtggttggt tttccttagc gtttagaata gccatcattg   60
 tcctgcaata ggcagagcta tcacgtccag gaaaaatgag gggaaccaga ggcagcgtga  120
 gatccaaata cagcattcaa aggtaattgg tccagtggtg cctggggagg aggaagggga  180
 tgatactcca gggttagcca tcttccttcg gaggtgtg                          218
Name: T125                Len:   255  Check:      171D
 tgcaccacgt cgggtggttt ccattcagac agaggccagt tcagaacttc ccagatgacg   60
 gtccccctca ggaagctgcc aaccaggacc ccaacaataa cctccaggga ggttttggacc  120
 ctgaaatgga agaccccaac cgcctccccg taggccgtga agtgctggac cctgagcata  180
 ccagcccctc gttcatgagc acagcatggc tagtcttcaa gacttttctt gcctctcttc  240
 ttccggaagg cccac                                                   255
Name: T126                Len:   255  Check:      272
 tctctttttt ttttttttct ttttttttct ttttaaaaag aaatttttgc ctttattaaa   60
 atggctttag gccttaaata tgccaatttt ggnaatcaca ttattgnttt aataanaaac  120
 gactntacag aanggcanaa ntggaccaac anccttgttn ttcntttann gngnnaacca  180
 tacnggntgt aacnanacaa gcanggcnag gnatnannta ncccagnatn ctatcttttt  240
 taaacccaag nnttn                                                   255
Name: T127                Len:   255  Check:      674
 acccctgagt ctgagtctga cacagcaggn aaacgggcct ccctgttgga agcacacaga   60
 anctgcaaat ggtggacagt gctggcaagt ccgtggctgg tgctgatctg ctgccggcta  120
 ctgcgctcct tgaaccagac aggggtgcag ggagcccatc gccctgactt tagtcactgg  180
 cttaccagct ctgaccacaa agtccatctc tcaggcctgg ctgccctctc cctggttgtg  240
 atcttcattt tagtt                                                   255
Name: T128                Len:   255  Check:      2C8
 cctgagtctg agtctgacac agcaggtaaa cgggcctccc tgttggaagc acacagaagc   60
 tgcaaatggt ggacagtgct ggcaagtccg tggctggtgc tgatctgctg ccggctactg  120
 cgctccttga accagacagg ggtgcaggga gcccatcgcc ctgactttag tcactggctt  180
 accagctctg accacaaagt ccatctctca ggcctggctg ccctctccct ggttgtgatc  240
 ttcattttag ttcag                                                   255
Name: T129                Len:   255  Check:      1BB7
 tctgatccat tccaggagtc tctcccacct gtccagtttg actggagtag cagtggcctt   60
 actaaccctt tagatggtgt gaatccagag ttgtatgaat taacaactgc taagctggag  120
 acctccacct caagcctcag agtgactgac gcatttgcga agctcatgtc tacagtggaa  180
 aagacgagca cgtcgaccag gaaaccaaaa agggaggagc acctaagcga ggaggccgta  240
 aaggtgatcg tcagc                                                   255
Name: T13                 Len:   255  Check:      A17
 agctttttct ttttttttct ttttttttct tttggtaggc taatcaattt tattaactcg   60
 tgctcttgca agacatttgt cctgagaaag ttcaagacac actgccatag tagggagaaa  120
 gatcacaggg aaaatggaga tgggatttag gttttgaagg actgtagcaa aatgtcaagg  180
 tcctcagaga aagggagttt gttttgtaag ttaattaaaa gttgcctgct ctgtaattgc  240
 agaagttgta cctgc                                                   255
Name: T130                Len:   255  Check:      209
```

atttgattca aacctgtcca accagcctga actgctaatg aaagaactca aacacacagg 60
ggggaactgt gtaggacctt taagtctctc tgccaatgtg gcaaaaaaaa aaaaaaaaaa 120
aaaaggtgga gaggggtggg ggtggggtag aaaagacaaa acaactgaca tcaggtttgc 180
tttgcccctg cactgggggtg gccctacctc ctgctacagg tgcaatactg gaggacaggc 240
actctaggca tggtt 255

Name: T131 Len: 255 Check: 24DB
acccaccact cagccaaacg ctgtctcaag aagtagngaa cacacanctt gccntggnac 60
gcccaaaaac ngcnganaaa gagcnantan ttcnanntta tgcnaatccn ttggtggaaa 120
gannctttgc aaanttccan cctttnaana annanggctt gnccnagaat tttcnccncn 180
aatngggaat nggggttcan tnaccnnngn ttggntncna atgntaaacc cnctttttnaa 240
ccngnccgaa ntctg 255

Name: T132 Len: 255 Check: 6CC
acatctacaa aaggaaaagt gacggtatct acatcatnaa cctgaagagg acttgggaga 60
agctgttgtt agccgctcga gctattgttg ccattgagaa cctgctgat gtcagcgtca 120
tctcctccag gaacactggc cagcgagctg tgctgaagtt tgccgctgnc acaggagcca 180
ctccaattgc tggccgnttc acacctggga ccttcactan ccagatccaa gcagccttca 240
gggagccccg gcttt 255

Name: T133 Len: 255 Check: 155E
acgcagacct tactgaggac cagctaccct cctgtgagag cctgaaggat actattgcca 60
gggcactgcc cttctggaat gaagaaattg tcccccagat caaggagggg aaaagggtct 120
tgattgctgc ccatggcaac agcctacggg gcattgtcaa gcatctggag ggtctgtcag 180
aagaggccat catggagctg aacctgccaa ctggcatccc catcgtctat gaactggaca 240
agaacttgaa gccca 255

Name: T134 Len: 255 Check: 85
accnggaccc caaactgagg actgagatnn cnagacccag cttcntcagg gngtnggtnc 60
acccgaaatc ctgaattctg gatnctnnct ccctnttccc cactgaggaa anttacgaga 120
cttaggacat ctcaaacggt gcatntcaag gggcccanga gctnacatcc ctgngacccg 180
gggatnttgg accctgactt tgtctaaaag cccaacccag acttcaagac ggttctngac 240
actgnaaaca ctcan 255

Name: T135 Len: 255 Check: B28
tgtaaaggaa tcctggggag gctcccccagg aaaatcacag gctcctccac acttgctgga 60
aacattggag agtgagctgg tagcttcctt ctctggacac tgttcaggtg gcttccctaa 120
gccatcagaa gtccttactc tgctcctctc gggctgaagg gcccgggccc agtgcttcag 180
tttcttccag gactttgatc tcagaggtgc tcttcatttc ccaggacaca gaagtattaa 240
gcaacttata actaa 255

Name: T136 Len: 255 Check: B2A
acaagctttt ttttttttt ttttttttt ttttgattc tgatagggag aanatggcca 60
aaaggtcncc antgccaggc atctgggcat aaaaatgggt atggacaaca aggcntagga 120
aacaatgcat anaaagttag aaatttaaag ngtatgtttt ggggagggag gtgctggcga 180
aagggcttac agatagcatg anaccnnagn ggttttgatt ggtgtttctg gctggcactt 240
acagctctgg gacat 255

Name: T137 Len: 255 Check: 1E71
acttatgaaa gctccaagag ccaacgaggt gacctccaaa gtattgtcac cttcgacctg 60
gccctagatc ctggccgcct gagtcccccgg gccatcttca aggagacaaa gacacaggcg 120
ctgactaaag ttagaaccct cggtctgagc agtcactgtg aacctgtgac gctgctcctc 180
ccggcctgtg tggaggactc agtgactcct atcactttgc gtctcaactt ctctcttgtt 240
ggagtgccca tccct 255

Name: T138 Len: 255 Check: AA0
acagatgagg agagctcaca tttagccttc tcagcagctt cccgaaccct ctgaagtgcc 60
atgttgtctt tggtcaaatc aacccctgtc tccctcttga actccttgac aatgtgccgt 120
aacaaagctt ggtcaaaggc ttcacctcct aagaaagtgt ccccattggt ggatttcacc 180
tcaaacactc ctttctgaat ttccaggata gaaatgtcaa agggtcctcc acctaaatca 240
tatacagcaa tgact 255

Name: T139 Len: 255 Check: 17B5
acatctcctt tgtgtgcgca caaagagtca ccaaaatgaa acttcgctaa ctccagcagt 60
tcgttatggc aaacacctcc agcagcagcc agcacgattc ttggtccctt ataatgtgtg 120
gttatgtagt ccactaagtc cttacggctt atagatttga tgttctcggt tggtcccaga 180
attgtccgtc cgagcgcggt gttttgatag gctgtggcgt gcagataatc aaagacaact 240
tcttgcaagt tggtc 255

Name: T14 Len: 255 Check: CD6
actgtttgaw ttcatggact ctgttttcaga cttgaagagc aaagaaatta aaagagcaac 60
gctcaatgag ctggktgagt atggntcgac tagccgtggk gctaattgtt gaatcagcgt 120
attctgatat tgtaaaaatg atcagtgcta acatcttccg gacacttcct ccaagtgata 180

```
 acccagactt tgacccggaa gaggatgagc ccacacttga ggcctcttgg ctcacataca  240
 gctggtgtat gaatt                                                   255
Name: T140              Len:   255  Check:     15A1
 ttncgagcgg ccgnccggnn tnggcacctg aacgtgagag aagctgtgct tgggggctac   60
 gacactaagg aagtcacctt ttatcctcaa gacacccctg accaacccct cacagcactg  120
 gcctatgtgg ccaccccaca gaaccctggc tacctgggcc ctgctcccga agaggtcatt  180
 gccacacaga tccttgcttg ccgaggctta ctctggccac aaccttgaat acttggnagc  240
 gnttggcagg acttc                                                   255
Name: T141              Len:   255  Check:     126
 acaaaaagct gagtgtgttc tcaggcaggg atcctccggg accaggtgag gaagaatttg   60
 aatcttggat gtttcatact tcccaagtaa tgaaaacatg gcaggtgtca gatgtagaga  120
 aaagaaggcg gttgatggag agccttagag gcccagcatt cgaaattatt cgagtcctca  180
 agataaacaa cccgttcatt accgttgcag aatgcctgaa gacgcttgag acaatatttg  240
 ggattattga taatc                                                   255
Name: T142              Len:   255  Check:     1FCF
 acaagctttt ttttttttt ttttttttt tttttgctt ggcaaaatgt tttattccga      60
 ataatttta tgggagtcac ataaatctca ctctaggttt tacacaaaaa cggaagttac   120
 atagctgcaa atcccagctc tccttgaaa atacattcaa gttcataaca aatgttaatt   180
 gcacttaaaa attaaatagg atgtgaagaa aggatgcaat ataaagacac tcaagacctt  240
 tccatttaat ctgcc                                                   255
Name: T143              Len:   255  Check:     1F70
 acacccccc agatggaggc tggggctggg cggtggtagt tggagccttc atttctattg    60
 gcttctccta tgcatttccc aaatccatca ctgncttctt taaagagatt gaaattatat   120
 tcagtgcaac gaccagtgaa gtgtcatgga tatcgtccat catgctggct gtcatgtatg   180
 ccggaggtcc tatcagcagt atcttggtga ataaatatgg cagccgtcca gtaatgattg   240
 ctggtggctg cctgt                                                   255
Name: T144              Len:   255  Check:     1F83
 acctggagca cgtgttccgg cacgcagccc aagagctgtt tggaatccat gtggctgacg    60
 tcacctacca acccatgagg aacaaggact tccaggaagt gacactggag agggaaggcc   120
 aggtgctgtt gcgctttgct gtggcctatg gcttccgcaa catccagaac ctcgtgcaga   180
 agttaaaacg aggccgctgt ccctaccatt acgtggaagt aatggcctgc ccttcaggct   240
 gcttgaatgg agggg                                                    255
Name: T145              Len:   255  Check:     277
 accttaatac caaatataat tttattgaaa acacacaaag caaagataat tgttataaaa    60
 agttgatcct taggatgatt ttaaggtcaa ttaattcagt gaaagacctt taaatcaact   120
 ttagcagcta tccatggtaa ttctttgttg tttcttgatt aaaataattt gcttcctgat   180
 aacagtggat cgtcattggg agtggttttgt atccccagtg agactctgtc caaaagaact  240
 gatctattta caaat                                                    255
Name: T146              Len:   255  Check:     EB3
 ttcggctttc gagcggccgc ccgggcaggt accttcaatg aaatgcaagt tactaagcgt    60
 gaacggcttt gcttttttcac gtgattaaga ccctacttca aactgtagaa gcttttcaag   120
 agccatatta ctctcctgat acttcattaa tctccatcat gtatgccaag cctgacacat   180
 gtgacagaga agacaatgtg gcttgctcct ttttgaatct aaagataatg catgttttac   240
 agtacctcgg ccgcg                                                    255
Name: T147              Len:   255  Check:     11FF
 actgcaaaga gccagagggg ccctagaaga anctngggnt gtgccaggta agaaccctac    60
 agaatatcat gcccagcagn tttatttttga aaataagcta aactgttatt ggaaaagctt   120
 tgaaggaatg agacagatgt tgctcacaga acagctttct aagcaacaaa gtaatgatgt   180
 cagtaaaccc agaaaacgtc cccagaataa aaaatggcag gtgctggaaa aacgatggcc   240
 agagacttct aggac                                                    255
Name: T148              Len:   255  Check:     E20
 tacatccagg acctctgagt ccagaaccac ngccaatggg tgtcagggtc atctgtggac    60
 attgcaagaa tacgtttctg tggacagaat tcacagaccg aaccttggca cgatgccctc   120
 actgcagaaa agtgtcatct attgggcgca gatatcctag gaagagatgc atttgctgct   180
 tcttacttgg gttactcttg gcagtcactg ccactggcct tgcttttggc gcatggaanc   240
 ctgcncagca atatg                                                    255
Name: T149              Len:   255  Check:     19A2
 acaagctttt ttttttttt ttttttttt ttttgttctt ataaatgaag ctttatggaa      60
 aaaggctgtg tgaactagat ttcataagga ccaggtttgt aacaatgtta acagttccat   120
 agagaaccac aaatgcctaa catagcatct gaggctgtat ttgagaagtt tattcccagt   180
 tccacgaact ccagaggaaa cattaacaca atatgaaaag acgaaagaaa gaaagaaaga   240
 aagaaagaaa gaaag                                                    255
Name: T15               Len:   137  Check:     1BA
```

acagagacct taaaccagaa aacatcttgt taaacgaaga catgcacatc cagatcacag 60
attttggaac agccaaagna ttatccccag acagcaaaca agctagagcc aattcatttg 120
taggaacagc gcagtat 137

Name: T150 Len: 255 Check: 314
accaactatc gagctggcta ccaaggtgcc catgacctgt tgctctatga caacgcccaa 60
atcggtatcc gccatcccaa catcatctgt gactgttgca agaaacatgg gcttcgtgac 120
atgcgttgga agtgccgtgt ctgctttgac tatgatatct gcacgcagtg ctacatgcac 180
aacaaacatg accttaccca tgccttcgag cgctatgaga catctcactc tcgcccggtt 240
acgctgagtc cccga 255

Name: T151 Len: 121 Check: 1774
acattaagac aacaggtgat catttgtcct gtcactgccc catgtcacct tggcagtccc 60
tctaaggaag gaaggaaagg aagatagaag aaagggagga agggagggaa gtcagtcttg 120
t 121

Name: T152 Len: 255 Check: 28F
acacgtgact gcctgcttag tggtgcatgc acctgcactc gggtttcctt gntttgcagg 60
ggttttcttag aaccagtata atgaattcaa gcacaggcag aattgttttt gacaatgagt 120
cgctgttccc cagatctagt gtgttctgaa aatggagaac ctgcctgtnt tggctcctca 180
acagaagctg cccacaggag gcaggacagt gcttaggtca ttcatgatga ctgatttcgt 240
gatcagacta cnngt 255

Name: T153 Len: 255 Check: 2369
acctctctca gtaacaggat gaaggaggca aagtagaaca catagaccat tcccaccaac 60
cagtgcagaa acattgtggn cctgggggct gactgaaagc tcagctctcg atctttcaga 120
gtagcatcaa acatttccag agaacaaata tccagccacc agccacagat gagagggaac 180
actccaattt ctaccacaac taacagagag accttaacca caatatagca gacgcccagc 240
aagcgacgag accta 255

Name: T154 Len: 255 Check: A9F
tacatctttt ttttttttte ccccatagtt tgtcatctga ttttgttagt cctgacttgt 60
tagtcctttt cagcgggtaa tctgggaggc agtgttatcc ctccctctgc taggtatgta 120
atgaaccctt gcactcacca tgactcccct tgaaggctgg ttcttccagc tatgcttgat 180
gttgctctgc acaggtcctg ggacctatgg gatggggatg acatcatact cagtaggcca 240
agtttttata gtagt 255

Name: T155 Len: 255 Check: 271
cctacagngc cctgcacgaa gtagggaccc cacactagat atcccctctt gtaaagcacg 60
agcccaactc actggctatc tgattctcac cctcctttt agtccgagga acagtgtgac 120
cccttggaac gagatttaga aagagggcat tcatgcacag aattctgggg cctggcacag 180
ctcccctgccc aggagctcag cttgctgctg agggctgggt gtgaccatgt ctgcctccgg 240
ctgctgggag aagct 255

Name: T156 Len: 157 Check: 90B
gatcataaag cctggagatg agggggtcat tcacttggct aaactccaga cagagaaacc 60
gtcctccagg ctttaggact cgatgggctt cctggagagc ccggtcaatg tgcgtgacat 120
tccggatccc aaaggcaatg gtgtaaacgt caaatct 157

Name: T157 Len: 255 Check: 182
cccgggcagg tactaagaat ggactgggggg cctcaggcct gctaggcaag cactctgtta 60
ttgagctgta tcttcagtct gtaaatgcag tcagttaagg tggttgcatg tgggagcctc 120
taatccaata cggctgatgc tctgacaaag gagtaaatgt gtatctatct ccctgagata 180
cccacacagg gaagatgccg tgtggacttg aaggcagaga tcagaacaat gtatctacaa 240
gccaaggaat gccaa 255

Name: T158 Len: 127 Check: 1AF7
gngcttcacg tggccttgga gtgcttgcga gtgtttggag ctttgcttca gcctgttaca 60
ccaaacttag ctgataagtt gctgtcaaga ctgggagtct ctaccacaga gagaagcctt 120
ggagagc 127

Name: T159 Len: 255 Check: B0A
acccccttcag atcaccagcc tcaagaagca gcacagtttg agaggaaaga tgaacccaaa 60
gctgaacaaa tggaaaaggc tgaagaagag agtcggtcag aaaacagtct cccagccaag 120
atccccagca gaggggacga aacggtgcct gcctcccagc aaccctcgac acagcttcct 180
ccagacacag cctctcctct cctcatcctg tcacctnctc tttctactcc taagttctgg 240
ctcacgggca gntga 255

Name: T16 Len: 255 Check: 23B5
actgctttaa gatgcaacag aagcagggct gatgggagca tctttcttga ggaggcgtgt 60
cttgtccagg ccattctccc tcggggaatg tgctgggctt cctcgagggg aagatggatc 120
ctcattggac acatcaacta ccaagttgtc atcactcttc tcaccatcac tgtcatagcg 180
agctgcaatt tccttctctt ctgtttttctg cttcttgctc tctgaggaat agtctgtaga 240
gttcctgtgt ttctc 255

```
Name: T160              Len:   255  Check:     1470
 cttagcagtg ggtagctcac tgttatcgtt ttccgggtca tccttctgaa acacgatgat   60
 gtcaccatcc atcagctcat cgagggcttt atcaagagac acatcatagt cctgaatttc  120
 ctctgttaaa ttcggcttaa cttcctcata gaggataagg ctagtatcct ggataaatcc  180
 tgctctgtca cacataaccg ggagcaagtc acgtatttta caggatatgg gtgtgtagat  240
 gtgtccacag taatt                                                   255
Name: T161              Len:   255  Check:     260C
 cacaagtgga tccacaggaa ttccaaaggg agtcatgatc tcacacagca acatcattgc   60
 ctctataacg gggatggcga gaaggattcc aagactggga gaggaagatg tatacattgg  120
 atatttgccc ctggcacatg ttctagaatt aagcgctgag cttgtgtgtc tttctcatgg  180
 atgccggatt ggctactctt caccacagac attagcagat cagtcttcaa aaataaagaa  240
 aggaagcaaa ggaga                                                   255
Name: T162              Len:   255  Check:     1E42
 gcggccgagg tacttggcca ggcgctcaga tcggcagggg gcaccagtct tgatctgccc   60
 agtgcagagc cccaccacca ggtcggcaat gaaagtgtcc tcagtctccc cagatcgatg  120
 ggacaccatg acaccccagc cattggactg ggccagctta cacgcctgca gagactcggt  180
 cacagagcca atctggttca ctttgagcag gaggcagttg caggactttt cgcctgcagc  240
 cttggcgatc cgctt                                                   255
Name: T163              Len:   255  Check:     252A
 acctgcggnt gngcagagca nctaaggcca cggngtttga gaatgcngct gtttgngatg   60
 aaattgctng ncttgaggaa aaattcctta aagcaaagga ngaaagaaga tacttgctga  120
 agaagctnct ccagatccat gctctaactg aaggggaacc acaggctgcc gctccttccc  180
 acagctccag tttgcccctg gcttatggtg ncaccagctc tgtgggaacc atccagggag  240
 ccgggcccag nactg                                                   255
Name: T164              Len:   255  Check:     1351
 ataaaaatgt aagatatgca aactaaagtt cctttaaata cggtgacagg tttggtccta   60
 atacttgctt cttggatatc gcagctgact gccatgttct ttgatgacta gtgataagca  120
 ccattgagag ctgatcctac ctaggagaag ggtggatctc ttcttcctca catccttacc  180
 tcttcttagc atcccaaatg cagggcatag agcaggagag aagcactttt catgccaccg  240
 gtggctgtag gcacc                                                   255
Name: T165              Len:   255  Check:     22BA
 ctgggttgcc acctcacgct gcttctgccc accaaagctg cattttggca agaagtggag   60
 tggagaagac atgagctggn gaagagcaaa ccctacatgc agatgtggac actggcctct  120
 caaagagtgg ngtgtgtaga tgcctgcccc agctagagct gggcagaggt gacagggagc  180
 ctagcctctg aggcttcact ccagcttttt ggttggcacc cgggtccgtg caatgataat  240
 gggcaccaga gccag                                                   255
Name: T166              Len:   255  Check:     19D
 accagggcac cagcgtgggc aggatgaagc acatgagcag gaggccgggc ttgtaatacc   60
 tcctctggaa catcaccagc ttctcagctt tcaggtcaga catgtccagc tttccgccct  120
 tctctttgac agccgggtgt ttgcgcacaa gcagccaacc cacgtgagag aagaaaaagc  180
 cacggcggga gttgtgaggg tcggcagtgt gtctctgaga acttgtggtg ggcgcggtga  240
 tcccgggccc attcg                                                   255
Name: T167              Len:   255  Check:     16A
 ctgattccag gattcccaag aggcattttt tggccatctc agaagccagg gtcacccacc   60
 tgtggtctca gggcatcaat ttcctctgag tgctgactcg gagtaaaagt gtaaacacac  120
 ccaagaccaa ggctgcaagg actgtcctct catccatcta tgcgtctgtc aagtgcatta  180
 gtcggacaac tggggctaag ggcagggaca gatgttgact gcttaagcag gaatagccca  240
 agcttgtaag aaaaa                                                   255
Name: T168              Len:   255  Check:     1731
 acatcccctct tttctgttaa gtaaggtttg tcaagtgttc ttggatggag agggggaaaa   60
 aagccccttt cattgcaacc tgaatgaatg aagcaacaag agtaagtttc tttcaatcgc  120
 taatatgtca gtgacgttac tgtccagaca tgtgttaaca ttaacacgag taatagatgg  180
 tcttacaaat tctcgaaaaa tgtaaatcat ccaatttcaa aacgttacag aatagtctat  240
 tggattttgc aactg                                                   255
Name: T169              Len:   255  Check:     1F52
 actttccgcc tagggcttgn caaatcaaca agncccctac cacccctgncc actagcgctc   60
 accctcccac aggattagac cagtgccagn tctgnagcca gtggtggaca caatcnccag  120
 gccccanagg gtttccttct tcacccaggg ccaagataac tgtctntccc anacggagac  180
 aggnnccctn atgaancenc nccancnncn anaaccgtct tancgncncn gtaccnaggn  240
 ccnggcctna angga                                                   255
Name: T17               Len:   255  Check:     2634
 actgtggatg tgaatgtggg aagtaatttt aatcatgtgt aattggtcac aaggctaatc   60
 tgcagtaact cttgctgttc tatttaacaa tgccttgttg ctttgtatgc attaacgttt  120
```

```
 gggtgtaaag attgtgtgtc catccaacag ggagccacag tatttaaatt gaccaacctg  180
 atgttacaac tttgaggtgg ccaaatgtaa actaaaagcc ttaattaaag tggtgcaatt  240
 ttgtataact taagc                                                   255
Name: T170              Len:   255  Check:    246D
 accctggaga tggacctgtt cgggcagcaa cagcttgttt tggatttccc aaatctttcc   60
 tcagtggtct tcatgaattt cccctcaaca aagtaaaaag tctcctcaat ggaacatttt  120
 ctgctgaaat gctatcctna gagcctaaag acngcacttc anttnaagaa agtaatggtg  180
 agcttgagaa agagattgct gagcaagcgg atnaggacag cattgcagac cgnccanaga  240
 gcaaccgcaa aacng                                                   255
Name: T171              Len:   255  Check:    260B
 nctttcttcan ataacagagg gnatcctgtg cacactgcaa tgntagcact gcctccataa   60
 ancatcantt aagaaaggcc caanagtang atgctgtttc ttttaaaata atttanaata  120
 tattaactnt cctaaggcag attttgtgtg aggcggtgnt gaataggtan ctgntnccgn  180
 tgccaaagaa cggcgcttgn aaggnnctgn ctgntctgna canttgangc ggngggtaaa  240
 tccentnagg cacnc                                                   255
Name: T172              Len:   114  Check:     CFC
 ggagtctggc tgttttggga gccggtgtgg cctcgggatt tttgtatttc tatttccgag   60
 atcctggaaa ggagatcacc tggaaacact ttgtgcagta ttacctggcc cgag        114
Name: T173              Len:   255  Check:    1853
 ntatntgttt ntangatttc nngagatttn tgngaggatt tacttgctga cttgtatttn   60
 tttttcnntg atncnnnntg gagaagaatt ntatcangtc tttgngaatn ccttaccaca  120
 ttgggaatat tgtctcangc tctttgaatg ngtgttggnt tntnannant nttgnctngn  180
 nnnnangatt ttagngatnc gttgccttta ncgagatngg nttncntggg tcttannttg  240
 naccggaatt ancca                                                   255
Name: T174              Len:   255  Check:    1DBA
 acnnnnantgt gngttnctgg ctttgnntcn aaactgnnac tcatgaaggt gncnctggnc   60
 anacnatatn acgaatggac gccttcaaaa atgtccccac acagnccang gtggcctacc  120
 ggnactgggt catntgtgcg gatttgtatc ctacaggttt gggtttctct ggagacccca  180
 ctgggctgga aacaggcgtc tagaaacgca tctgtctggg cagctatgga tgaagtgacc  240
 ttagagctgg gcacc                                                   255
Name: T175              Len:   255  Check:     977
 gcaagcctct tgttcagaca gttgaatgtg gctcccagga ggccccccaat gacccccatc   60
 acgacgaaga aacccaaatc catagctgtc cagagatgac attttttatc agagtcagag  120
 cacttaaatt caccaaagtt cagcagtcca ggcagctgga aggcacccca acttncaaac  180
 tggatcccag agcggaagaa gttgagggtg aaggtggcag acatggaaca gaagagcact  240
 ttccacgtga gtccc                                                   255
Name: T176              Len:   255  Check:      60
 accaggtccc tngggagttg gcgggtcagc ctgtgcactt gaagcgtgac ttcttcctgg   60
 ccaatgcttn tcgggcacaa tcagagcact ttatcaacct tcgagaggtc agtaaccgca  120
 tncgcctgcc gccgggggag tatatagtgg tgccctccac cttcgagccc aacaaagagg  180
 gtgacttttct gctgcgcttc ttttcagaga agaaggctgg gacccaggaa ctagatgacc  240
 agatncaggc caacc                                                   255
Name: T177              Len:   255  Check:     E0
 agctgagagt agctttcagc cttccactca cagagctccc tgagatagag cccaggtcct   60
 ggagcatctg ctgccacaca taagacacac ccagcttctt ctcacagatc ctatcctgtg  120
 ggtgttgaga gcagaggagc agctacaaga atcagtattg tgggtcattc cagtgtttat  180
 tgtaaaatgc aagtgagtgc catttaaccc catgattcta atgttctgctg aacgaccaga  240
 cagggcatat cccag                                                   255
Name: T178              Len:   255  Check:    1B7D
 ttagcntttt cgcggccgag gnacgcccac tgntgggggg gcctntgaag gggaaggttt   60
 ngggcngaca tcacaggncc cttccngggg ccccactggc cagctgnaga gagcacaggc  120
 tactacgtca ggctgtgtga ggtttttnant tgctgccttn ccttangnnn ataaganctg  180
 gacnanaggn ncncnnnagn nngntaaaga aactggntna nngncntcga accaangctn  240
 aaattgngcn tntga                                                   255
Name: T179              Len:   255  Check:    13ED
 atccagtgcc catggatgcg ggtttttggt tttgttcagg ctgtgagaag ttacacgctg   60
 gtcagctgac ttttctttttc tgagagaatc acctctcaaa tgctttcctg tgctccctga  120
 gggcctnctg gctggntgca ggtttctggt ttactggtgt tctgggctgg ctggtgtcct  180
 gttatcactt gatagaaaga atagaaaatg tttctacnct taccctgcta gcgttgagta  240
 gtgttaaatc ctata                                                   255
Name: T18               Len:   255  Check:    2247
 acaagctttt ttttttttgaa aacaactctg gaatctttat tactttcctt taaacagttg   60
 ccagggccgg agtcaacgat aaatagaagg cacagtgttg cttggttttg tcatcagatt  120
```

tggggttttgt tttctcgtgg gaatttttttg tcctttttttc ttttttcttt ttttttcttt 180
tttttttttta caaatacaaa taaaacatga aaaactctac ctcaaaaaaa tctaacagtt 240
caacaaaagt ctttta 255

Name: T180 Len: 255 Check: 567
acaagctttt tttttctttt ttttttttttt ttttttttac cttaaatatg taacttttat 60
tatgaacatg aagcatgtat gtttattagc actgactttn cctaaggnca acaacctcaa 120
ccaccatatg gncctatct ccgncctctg natgctgaca caatcacatg atgaatcagg 180
acggctgtaa gagctgnatc tgataacttc agngnaaaca acaatgngtt atatttggat 240
ttttattaaa tcaag 255

Name: T181 Len: 175 Check: A9A
gattgggggcg gcccagcctg tggggtcggg acacgagtct cacgtgtttc tgtagtttgt 60
aaacagtcat gcagacgggt tctgggtttt ctcacagggt gtaaggtcca ggctgtccat 120
tcaggtggag agggataaag gagaagatgt ggtcacttct gtgtgctaag gacgt 175

Name: T182 Len: 255 Check: 1CA0
ttagctgtgg tcgcggccga ggtacttaat agatgtttnc aaagctgggt ccagttagtg 60
ttatgtcttg gatcttgcag atagactaga tctcaaaagc ttgccccttt gctgnagcag 120
gaataatggt nggntctatc tactggacan cngtgactta tggagcagtg acngngatgc 180
aggttgtagg ccataaagaa nggctggang ttatggagcc gagctgaccc tttatttctt 240
ttgattggac ttcct 255

Name: T183 Len: 255 Check: 204F
atggagaagt ttgcctccta ctgcctcact gaaccaggaa gtgggagtga tgctgcatct 60
ctcctgacct cagctaagcg acaaggagat cattacatcc tcaacggctc caaggccttc 120
atcagtgggg gaggtgagtc agacgtctat gtggtcatgt gcagaactgg tggatcaggc 180
cccaaaggta tctcctgcat agttgttgag aaaggaaccc ctggcctcag ctttggcaag 240
aaggagaaga aggtg 255

Name: T184 Len: 255 Check: 2237
acttcttcaa ataacagagg ggatcctgtg cacactgcaa tgttagcact gcctccataa 60
agcatcaatt aagaaaggcc caagagtagg atgctgtttc ttttaaaata atttaaaata 120
tattaacttt cctaaggcag attttgtgtg aggcgtgttg aataggtagc tgctaccgct 180
gccaaagaac ggtgcttgga aggggctgtc tgttctgggc agttggagtt ggagggtaaa 240
tcccgtgagg tcaag 255

Name: T185 Len: 255 Check: 222E
acttgagtta tttgggtttg ttcacctgtt tccagagatt tttggtcttt tgggcagaag 60
cccattgacc agactgtggg ccatcttagt ctgcatggag aggtggcagc cggagtggtt 120
gtggccctgg ctaccaagcc cctgacagcc cgttaccagg aggatggtgg ttttgacttt 180
cttcactcaa aaccagtgca gttgacacag tggctgctgg ttcactgtcc catgaaactg 240
cttctggtgt ggtgc 255

Name: T186 Len: 255 Check: 110A
actcggcttc cttgctttag ggatggctca cccacctcct ctgttccgaa actctcaggg 60
gagctgctct cctgaagcac gagctccaca ccgcttggtg ggagaggagc ctccgggtcc 120
tctgagagct tctcctcatc ctcctcatga atgggagatg atggagaccg cagggtgctg 180
tctggagact tgctctgtgt cttgcccttc tgtattccat tttctatgat tcgatcgagt 240
ccagcaaggg gacaa 255

Name: T187 Len: 255 Check: CB8
acattctatg gagtgaccag cagcagcaac aggagggtca gttctccttc cagaacctat 60
aaaaccccag tgctatcgcc aagcaagtga acaccgaggc tgtgaaaaga aacanactat 120
gttacaagcc ataccttaat tattttcagac nataaaaaaa aatgaacaga aacagaaaat 180
caaactttta tctcatgntc ttttttcccta gaaaattaaa ctaagaataa aaggcatttg 240
taaaggcaat angnt 255

Name: T188 Len: 255 Check: 3B4
actttgaata cagcgatgcc cacaaagtgc aaaatacaaa gataactgca ttccattgca 60
gcactgttcc aacacccctc tgagtcaaat atgggcatga cagttgttta gatgcacgaa 120
actaccttga aaaatgctac cagaaactat gtcgggtgtg ataacgagtg ttaaactctg 180
ctaaaaagag cctgtcacat ttgccacagc ataaaaatca ccttggtcaa ggacaggcac 240
atgagtgagg cctcg 255

Name: T189 Len: 255 Check: E03
cgccgggccc gagngtacct ctcaacccct gacagtcagt ctctgcgctg tgacctcatt 60
cgatacatct gtggggtaag tccacccctc taacgaagtg ctgagttctg atatcttgcc 120
ccgatgggcc atcattggct ggctcctgac aacatgcacg tccaatgttg ctgcctccaa 180
tgccaagctg gctttgtttt atgactggct gttcttcagc ccagacaagg atagcattat 240
gaacatagag ccagc 255

Name: T19 Len: 255 Check: 1C24
agaagggagc cttcatgaag ccctggaaag cccgttggtt tgtcctggac aagaccaagc 60

accaggtgag tggtggtaga gggacaaggg aaacagaagg caggcctgtc ttgactctgc 120
gcatctgtct tctcatcctc acccagctgc gttactatga ccaccgagtg gacacagaat 180
gcaagggtgt cattgacctg gcagaggtgg aagctgtggc acctggcaca cccaccatag 240
gtgccgctaa gactg 255

Name: T190 Len: 255 Check: 1B3F
nnnnnnnntc cgggcttanc cgttggtccg ccggcccgag gtacacccgg accgctggaa 60
gcctctggag gtgttacttg gtgtgggcac aagctcataa gctggagaaa cccacctctg 120
gagatgtcag gtaggaagct gaactgttct ggcttcagct ggattcgaaa gtaagttctt 180
atagattgnt tctgtgagag actttctcct gcagtaggac gaccacggtt ggggctccag 240
gaccagaatg ccccc 255

Name: T191 Len: 255 Check: 2395
acacttctta canggcgact tctagatcta cnatgatgtc actttntctt ggaatattnc 60
tgtcctgctg actaggngct tctccannca tgaacccnna atntncnang aagtgngnna 120
nnatgncncc gtnggagctc tgatgcccnt nttncaagnc ttcttcacca tangnatnat 180
actgttntcn gnnttcacta tctgacagaa cctcataagc agcacccana tcctgtaatt 240
gtctcctggg ctagg 255

Name: T192 Len: 255 Check: 66B
accaanctct gtntctgggc ttctcttgag tcaagattcc atttatgggc ctctgtcaga 60
ctggtcttct ggtcgccaga ctcccccaggg ctcagtctgc tttccaatac ctcttttctc 120
ttgggactgn gatctccaga acctgctaat ctcagattct cctctggagt ttctccaggg 180
ctcagcctcc atttctgagc ctcagctggt ctggaatcca ngtctctggc ctctgctggg 240
ctctgcctcc agtct 255

Name: T193 Len: 255 Check: 423
aggtacacca ttgagaaccc aaggcacttt gtggactcac accaccagaa gcctgtcaat 60
gctatcattg agcatgttcg agacggcagt gtggtccggg ccctgctcct tccggatcac 120
taccttgtta ccgtcatgct gtcagggatt aagtgcccaa cctttcgtcg agaaacagat 180
ggtagtgaaa caccagagcc cttcgctgca gaagccaagt ttttcacgga gtctcgactg 240
cttcagagag atgtt 255

Name: T194 Len: 255 Check: 47E
accaagctct gnttctgggc ttctcttgag tcaagattcc atttatgggc ctctgtcaga 60
ctggtcttct ggtcgccaga ctcccccaggg ctcantctgc tttccaatac ctcttttctc 120
ttgggactgn gatctccaga acctgctaat ctcagattct cctctggagn ttcttcaggg 180
ctnancctcc atttctgagc ctcanctggn ctggaatcaa ggnctctggg ctctgntngg 240
ctttggcctc cagtc 255

Name: T195 Len: 255 Check: 142B
acatgtaaat gactgtttct taaccgcaac ttaactaccg agcaaaaaat ttataaagct 60
gccaaaaacc aaaaagcaaa caaacaaaaa ccagctttca gcattacatt ctgggaaact 120
gaagtgcttg atcttattca aagttttagt tctctttttt agttactaca atactgataa 180
acaggatata ctttatatgg atcagatagc caggatataa ttcttgtatg tgaatacttt 240
cattaaagca aaaga 255

Name: T196 Len: 255 Check: 1424
accagcgcaa agcaggcttc ctggtgttgg ccgtattatc tgacggtgct ggtgaccaca 60
tcagacaaag actgctatac ccactgctgc agatcgtgtg caagggcctg gatgaccccc 120
cacaggttgt tcgaaatgct gctctgtttg ccctgggcca gttttcagag aacttacagc 180
cccatatcag cagctattcc gaggaggtaa tgcccctgct ccttacctac ctgaagtcaa 240
gtgcctatgg gaaac 255

Name: T197 Len: 255 Check: 1DCB
caagcttttt ttttttttt ttttttttt ttttttttt ttttttttt tggcctactt 60
nacnannccc tttnnnncntc ncacctnanc cacnnctgat cntctncact ncngatnatc 120
ncgtgccttg nncntgaggt cncctcanna gttntacgta atnctcctct nnttgccccn 180
gaaccacctn ttcagantac ttncnncccc atatcntcan ctattcccnt gtnggtaant 240
gnccctgctt ccnta 255

Name: T198 Len: 255 Check: 23E3
accatgtccc agagagcatc ttggttttgt tcatttttta tgagtttaat cagatttttt 60
taatcaggaa ggctcctttgg gaccttcata gtaagctgaa gctgctcttc tcctcacctg 120
agtgttgatt tcaggtcaat ggccggcacc ctccctcccc tcttactgtt gaagtctctg 180
aacctgtggt tctcaagtgg agcggcacaa agccaaggca ccagcgcatt tcagtagcag 240
gatatatcca tctta 255

Name: T199 Len: 255 Check: 1622
acaagctttt ttttttttt ttttttttt ttttttttt ttttttgagg ggacaacatg 60
tcaatttatt aaaaaaagng taanatttca atctgttaan atttgacttg taagcttttt 120
acacatttcg attttttttca anatttaaaa aacncaagga aaatgaaana attttttttc 180
canaccactt tatctgaatc actgaaatta aatgaagcct gnggcctana ctcaggggcc 240

taaatngttt tttga 255

Name: T2 Len: 255 Check: 428
acatggcggg aacaccanga gtatgngaca tgcgagcccc agtccaagga ccaggntcgc 60
tggaagngca nccagcccag tgccaagcac ggncgcggga agcngnctna nanatnccag 120
ccgcttanac gcctttcacc ttgggcaagn agaccaagga aggacacagc nacnactaca 180
tntccaaacc tacctaccat cnggaaaccc agtgcctgaa tgatgaaggt gacnggcaat 240
ggcnnaatna ctcac 255

Name: T20 Len: 255 Check: 17CF
acgcgatggt cagcgatggg tgtcatgtcc ctctttctgc cttgtttatg gtgttacctt 60
ccagccaagg gttgccttaa attgtgccag gggtgttatg accgagtgaa caggcctgga 120
tgtcgttgta aaaactcaaa tacagtttgc tgcaaagttc ccactgtccc cccaaggaac 180
tttgaaaagc cgacatagcg ttattaatca ggaatactgc agtaatgagg attgttgccc 240
cacccccacc cccct 255

Name: T200 Len: 255 Check: 5E4
acaacatgct gaacgcggac actacccgcc acctcatggt ctgctttctg tggatcatga 60
aaaacgcgga tcagagcctc atcaggaagt ggatcgccga cctgccttcc atgcagctca 120
acaggattct agacctgctg ttcatctgtg tctcctgctt tgaatacaag ggaaagcaga 180
gttctgacaa agtcagtaac caggtcctgc agaagtcaag agatgtcaag gccaagttgg 240
aagaagcccc gctcc 255

Name: T201 Len: 255 Check: 1966
accaaagntc tatatatacc tttgctaaag acacttaagc gtgacttttcc ggggagaagc 60
ccacactgat gcttgggtct atctcacccc tgtcccggac acctctctat cgactgccat 120
gctttagatc taagtgaaaa atggcctttt agtaaatctc caatttctgnt tcacattgtc 180
tgtccatgaa attcttttct ctgtcaaagc cganggtcct agtgcctccg tctgcgttgc 240
ccacaaccgc gtgag 255

Name: T202 Len: 255 Check: 6B0
accaagctct gtttctgggc ttctcttgag tcaagattcc atttatgggc ctctgtcaga 60
ctggtcttct ggtcgccaga ctccccaggg ctcagtctgc tttccaatac ctcttttctc 120
ttgggactgt gatctccaga acctgctaat ctcagattct cctctggagt ttctccaggg 180
ctcagcctcc atttctgagc ctcagctggt ctggaatcca ggtctctggc ctctgctggg 240
ctctgcttca gtctc 255

Name: T203 Len: 255 Check: DC0
acctcgagga aaagttctcc ttnagctggc anngctcccc gcacnggtgt cttttgattt 60
cattcttcct ttntaatnca cgctaaatga ccacctctat tgatagagac ctgccccttc 120
agtctgttcc tnaggactgn ntaancatcc aggctatgcc tgccagagcc tacatgntca 180
ggctgnctgg gaatgagcac ccagctctgg cccagtcccc gaatcatgtg gcctgaggga 240
aagcactggc ctcca 255

Name: T204 Len: 255 Check: 1ABB
nccaaanaag ccnngagnnn tngctcnnat ctgcttgatc tntgncttgn tncannnngt 60
ggaccacgat gaacactcta attctgacag tgtcccacct ggctatgagc ccatctnctt 120
gctcgaggca ctnaatggac tacgggctgt ctccccagct atcccatcgg ctcccctcta 180
tnaggaaatc acctactcag gcatcttcag acggtctttn ccangccagn tgtcccttgc 240
tggactcgat cgaat 255

Name: T205 Len: 255 Check: 47F
acatgcattt gnnacagacg acccaccatt atcatcagac tttcctacaa ctaccgcctg 60
ccatggtgga agaaggtgag gaggntcatg agccaagaaa cagaaatgga agcanaagag 120
gaaactgggt ctgttcaagc taacctcacn cccagtccaa cngatgccag cctgagtcaa 180
gagaccccan cttctcagcc tgactgctcc aatcagacgg aggctgcctc cagtcacaca 240
gaagatacct ctgct 255

Name: T206 Len: 255 Check: 501
aaatacgcag cttttntcaca ggtcggnatc gcgaggcaat ccanggtggg aagtccggta 60
agtcttaatg ctgggntctg ntaaaactga aggactaagc aggcagttac cnaanttncg 120
gcttgagcac tgngagnctt cacatttncc cgaatcactc anaaaagnat aacattcccc 180
ttttcttggt ttacttacag aatctggcca aaagctaagc tcacttttcc tgatgcttca 240
ggcttctcac aggtt 255

Name: T207 Len: 255 Check: 61E
actannttna gagacattag gagttncatc cataattcga ctanagccat ttggggcatt 60
atgggtggat gcacttgccc acactggnnt tactccatat ttattctgca ngaatgcctt 120
gtnttggnca ctgtcantga nttctgcctgt ggncngcaga tnctgggggct tanncacant 180
cttccaagtg tcgttaagta atagcaaatn ttccagatca ttggctgtga acttttgcc 240
tggaattcct gagac 255

Name: T208 Len: 255 Check: 311
acatcagaac cgattcatcc aacaggagcg acagcaggca gcagcagcag cagcagcagc 60

agcagcagca gcagctgaaa cgaggtgctt ggtgatagga aggctgggcc tctggaggct 120
ctagaacgga gatcaagtcc tggtaatttа agagatcaga gccctaaggg aagagagtca 180
ngagaagaga ggctaagtcc cagggaggcc agagatagga angctggncg ataggaggaa 240
cccaaagagt caagt 255

Name: T209 Len: 112 Check: 2607
acaagctttt ttttttttct ttttttttct ttttttatna attnnnnttt aatttattta 60
aaagcanaaa ggtaaaggaa gaagagacac aagaggggan agacctgann gt 112

Name: T21 Len: 169 Check: B71
tatacttgcc cttgcgctcc acgcagtcta cagtcttcat attggaaaag tgcaattcct 60
tcagcttggc tggtggctca aggctggtga cggcggggcc actaggttgg gacggttcgg 120
ctgtcccccgg cccgggctgt tgctgctgct gttgctgctg ctgatgttg 169

Name: T210 Len: 255 Check: 7AA
acactctagg actacggaac cacctggcaa ggcctctgca gaaactcagt ccagtggctt 60
tcccgtgaat acattctcaa agcaggagat aaggcggtgc tggaaggtga gacgctgaac 120
ctgtgcacag acacagcccc agacaccctg gccacaaggg cagaggctcg agtagcagcc 180
cgggtgcatg tggtggatgg tgctttggna gcagctagac agtgaaagtc aggaaaggcc 240
tcggnaccac gtnac 255

Name: T211 Len: 255 Check: 5EA
accttttaac ttaatgttcc agaccttcat tgggcctgga ggaaacatgc ctggatatct 60
gagaccagaa actgcacagg gaattttcct aaatttcaaa cgacttttgg aattcaacca 120
agggaagttg cctttgctg ctgcacagat tggaaactcc tttagaaatg agatctcgcc 180
ccggtctgga ctgatccgag tcagggaatt cacaatggca gagatcgagc actttgtaga 240
tcccactgag aaaga 255

Name: T212 Len: 255 Check: 201F
acattgaaga gctggccagg ancgtgcccc tgcctnccct catcatgaac tgcaggacga 60
tcatggagga gatcatggag gtggttgggc tggaggagca ggggcagaat tttgngcggc 120
ataccccana aggccaggaa gccccagata gggatgaggt atacacaatc cccaactctc 180
tgaagcgaag tgagtcccca cagctgactc agatgctttg tcattgcatg aacagcctca 240
gcagattgcc atcaa 255

Name: T213 Len: 255 Check: 25AB
accaccttct ccccccgtgga gctgaccttg ctattgttgg cacagacggt agcttctgag 60
gcttttggca gcaccgcttc cgggcccttg ccttgtgttt cactgtcctc agctaggccc 120
tctctggaag ctgtgggagc agcctctgag gcactagctc ctgatgaagt tccacggata 180
ggggccacca tatgggctgc ctttgcctca gctctattgn cgagtagcca actctgagtg 240
cctgctttcc catat 255

Name: T214 Len: 255 Check: C3D
tnacntttnn ttttttttct tgcacntaca cacggncanc tntattgntc antagnatca 60
acnccaaacc tanagntgaa atctcaccgt tatttccatg ctgtcnngaa cagngacaaa 120
gntaaccngn ngctncattc ngncancaga cctaannttt tacagctaac ttactttnac 180
agnnntngat naaatagntn ccnnntacaa tgnncaaggn ttttagtcnc taaggaattt 240
aaatggnatc ttgaa 255

Name: T215 Len: 255 Check: 116
acaccacgag agactgctgc ttgtttcgat tcttggattt gtggtaaacc tagtaggaat 60
atttgttttc aatcatggag gtcacggaca ttctcacggc tctggccatg gacacagtca 120
ttcccctctt aatggtgctc tagatcacag ccatggccat gaagaccatt gccatagtca 180
cggagccaaa catggaggtg cacacagcca tgaccatgac catgctcatg gacatgggca 240
cttgcattcc cacga 255

Name: T216 Len: 255 Check: 1A3F
actntttnaa cacggngccc atcctatccc ngngncgaca gacaaagagg catngcttct 60
ggggcccagg ctggctgntg actctcangg gctgcatggg ctgacaaatg atagngaggg 120
gngtagtctc cccaagtcct tgatcctcat actgncgcct ncctaacgcc ccatcgtcaa 180
angcgagtgc gctggatgat accgtattca agatagaaca ggaaccatgg aagatccagg 240
tgctacactc atcag 255

Name: T217 Len: 255 Check: 13D2
acacgttgca tctcctagct tcctcctgaa ccccgtttta cgttcgcggc ggggaaaaca 60
gcctgacgag tagactgcag ctcctgggag atggcggcgc tgtgccttac ggtgaacgcc 120
ggaaaccctc cactggaagc tctgctggca gtggagcatg tgaaaggtga tgtcagcatt 180
tctgtggaag aagggaagga gaatcttctt cgggtttctg agagtgtggt gttcactgac 240
acaaattcaa tcctg 255

Name: T218 Len: 255 Check: 7E1
acaagctttt ttttttttct ttttttttct ttttttttcc tccanatatt taatgaattt 60
ganaatcatg tanccatatt ccatgaaatg ngattacctg nggtgnaggc tgaagcccta 120
ctgaggcaaa caaatgcatc acaagataag taaaagcctt atgcanatgn atttctgttc 180

ttacctgcta caatgtagcc tgngatgtaa tacncagata aataagacag tctnttggat 240
ttttctaatt tatag 255

Name: T219 Len: 255 Check: 49D
tttcgatcgg ccgcccgggc aggacctgcg gctgnggcana gcanntaang ccgcggtgtt 60
tgagaatgct gctgttttgtg atgaaattgc tcgtcttgag gaaaaattcc ttaaagcaaa 120
ggaggaaaga agatacttgc tgaagaagct cctccagatc catgctctaa ctgaagggga 180
accacaggct gccgctcctt cccacagctc cagtttgccc ctggcttatg gtgtcaccag 240
ctctgtggga accac 255

Name: T22 Len: 222 Check: 2307
actcttcanc anaagcctnt ccaaggccat tttggggact cactctggac actcctttgg 60
tgaccttaca ggtcccctcac ctgctcagct tttccaggat tcagggctgc tctacatggc 120
ccaagagttg ccagtgcctg gcagagcccg ggcgccaagg ttgccagagg aaggggggcag 180
cagccgggca gaggactctt cagagggcca tgaggaggaa gt 222

Name: T220 Len: 255 Check: 1157
accttcccca tgcctaccag tggaggcatt cagaccagaa aagcaagcca gcaagtaaca 60
ttcttaaggt tagagaaagc cagttgtgct gctgcatacc ctgagacaaa gagcatcctt 120
tgccagatag agagcctgag acaccaggcc actctccaca aactagatac atttaaaagt 180
tacttggtca accaggtgtg gtagtgcatg ctttagttct agtgcttgga ctggcagctc 240
gagaccagca tgcac 255

Name: T221 Len: 255 Check: 1CF5
acccatgtag aaagggctaa acttcccttt gctgaagaga agaaggttat acagagacat 60
caatgcccaa gtcctcacct tcacaatcac atcctagaga acgataagtc agaacagaat 120
tgctctggcc agggtatttt tatgttgaca aaatattgtt gcaatatttg aatctccaga 180
ttgggaatct ccaggctgaa attgtttgtg tcagaatttt tattttaatg tttcaagaat 240
gaggtagtct acatt 255

Name: T222 Len: 255 Check: A3A
accctccag agctgcccta cagaaaggag atggtgagag ctgatctgat taataagaaa 60
gttggaatca aagagactcc tgcaaatctt gccaaactcc tgaccaggat gtgtctgaag 120
tcagaagtca taggtgatgg caatcagatt gaggttgaaa tccctccgac cagagccgat 180
gtcatccatg cgtgtgacat tgtggaggac gcagctattg cttatggtta taacaacatt 240
cagatgactc tcccg 255

Name: T223 Len: 255 Check: 1A34
acagacctaa ggcgaagtaa aaggattgcc agcaaaaaag tttacagggt agaatcagga 60
aaagcaggct gcttctctcc caaagtcact cgtaaagaaa aggtccgaag atctctccgt 120
ctgaaattta gtctgaggaa gaacggagat tcaaatggat gttctgtcat caatagacat 180
gaaaatgttg gtcgacgact agcgaatcag cagaatctaa aaaataggat tgagtctgta 240
aaaacgggtc tgctt 255

Name: T224 Len: 255 Check: 57B
actagacaaa gaagactgat atttactata aagaaaatcc caaccttctg tgctctgggc 60
cccaacagca aacaccgcca aggtcacatc aatagggagg ctcatgtttc cattggatgc 120
cttccacttt ctgaaatagc gctctgccct ctgcacgcag agctgatacc tgtgcacaca 180
tgctaggagt aagagctggc tcctgagcat cctctctgag acagagcctt catctgtcca 240
ggtctgctta ttaat 255

Name: T225 Len: 222 Check: EE6
actngntaca gttcagtgtt gtgggnggtt ggttttcctt agcgtttana atagccatca 60
ttgtcctgca ataggcagag ctatcacgtc caggaaaaat gaggggaacc agaggcagcg 120
ngagatccaa atacagnatt caaaggtaat tggnccagtg gtgcctggng aggaggaagg 180
ggatgatact ccagggntag ccatcttcct tcgggggtgt gt 222

Name: T226 Len: 255 Check: 16F2
atggccaggc ttggctccag gtaggatgga tttcactgga agcgggagct tgctcctctt 60
gggactctga atgggcttat agtcaagacc tttaatcatg ctaagagcca gctccagttt 120
gtggttacac aaaagctgtg gagtctgttc ctcagaatag tagtcacact ttacaagttc 180
tttcgaactt ctctccgttt cctcatcttt ctgttgtgga ggactagcct ggacactagc 240
atccagagat tccac 255

Name: T227 Len: 255 Check: 25E8
accttattg gatattctcc agaaggaata ccgctctatc acttcatggg tgatgctttt 60
cagcacagct ctcagtcggt ccctaggttt attaaggact cactgaaaca gattcttgag 120
gagagtgact ctaggcagat cttttacttc ttgtgcttga atctgctctt caccttttgtg 180
gagttgttct atggagtgct caccaacagt ctgggcctga tctcagacgg attccacatg 240
ctctttgact gctcc 255

Name: T228 Len: 255 Check: 1D3C
actccataat ggatgtgagc cagagtgaag gcagcagtga gtgtgtaaag gagaacactc 60
tcaaggcggg aggttgttgt gcctacgatc acagttgcca cgaccaagaa gagaggaagc 120

agcaaccagt tcaaagttgg gcaccgtgtg ctgctcattt ggcaaacgat tagctgacat 180
gtgatattgg caaaagctgt tccgaccatg aagtagaata ttctagggtg catttctaaa 240
atatctgaag gtgac 255

Name: T229 Len: 255 Check: 1BDA
ngnaccngan acactgggag aagacacata tatggtaaag cnggcacten gagctggcta 60
ctcnacaata ganctgaagc acaggcantc catatggtgg ccctatccg nggaacttna 120
ttaggancta gngcctnana anctgctncc acagattnca nanagggcct agctgaggnc 180
agngaaacac aaggcanggg ccctgaagcg gngctgncaa aagcctcnga agctaccgtn 240
tgnnccnacn atagc 255

Name: T23 Len: 255 Check: 86D
acaaacccag cctcaaaagg caaaggatga caaagcccag gaagcctcag tgtttgaatt 60
tgtttccgca actccccctg tagttgtttc tacgagggct aaaacagctt caagaacatc 120
tgcaaaaaag catcccaaga aatctgtagc taagatcaac cgggagggaa atttcaggcc 180
agaaacaagg gatagtagat ttgattccaa agaaaagctg aaggaagaga aggttgtctc 240
ctttagccaa acact 255

Name: T230 Len: 153 Check: 301
acctaccagg tgaaaccttt gtcctgggca atagcctgac gaggtccttg gagacacact 60
cagacctgat ggactctgcc ttgaagcctg ccaacctcgt cagcacgtcc cagaccctcc 120
ggactcctgg ctatcggccc ttgcttccct cct 153

Name: T231 Len: 134 Check: 16E1
acaggccctg cccagtgttt gtccctgaac cccccacctc catagctgnt aatggctgaa 60
tgaggaaagt tctggaatat gatgcttaaa taatgcatta tatcccagtg tgatgtgtgc 120
tttggctcgt tagt 134

Name: T232 Len: 255 Check: 250F
ttggcttcca tgttttggga aatttgagag aggaatggag ttcttactgg aatgtggcct 60
atcgctggct gacagatctg aaatggaatg tctccaatgg cagtgtctcc cttctgccct 120
cccttggagc aagccagtga gcagctgccc tgccggctgt gggggtggcg acctcaggca 180
gccatcttgg ccagctgctg ttctagcttt gaaatgcgct cgtcttgatt gcagattgtg 240
tcctttatgg atttg 255

Name: T233 Len: 209 Check: 2440
actcacagaa ctgggagata agcaggctgt ggncatcctc tggtgtgagc aggcctccta 60
ccactgccct aaagagtgtg cgggggaaga ggtagtggct ttcccactgg ggcttctcca 120
gggtttcgc tcctttncagc tgcacgaact tcatgagcgt ctcgagggcc agttccttga 180
cctggaagga gggatgggtc aggagttcc 209

Name: T234 Len: 46 Check: 12EE
gcaggtggcg cgggtgccgg ctgagcgcgg gaaaccgaga gagcgg 46

Name: T235 Len: 255 Check: 206E
accccatgag gattgatgag agcatacacc tccagctgcg ggagaaatat ggcgacaaga 60
tgctgcgcat gcagaagggc gacccccagg tctatgagga acttttcagc tatgcctgcc 120
ccaagttcct gtcgcctgtg gtgcctaact acgacaacgt gcatcctaac taccacaaag 180
agccctttcc gcagcagctg aaggtgtttt ctgatgaagt gcagcagcag gcccagcctc 240
ccaccatccg cagct 255

Name: T236 Len: 255 Check: 94F
acgactgtgg ggtaggggca aaatgacacc aaattccagc ccctgcagt gtaatttctg 60
gggtttgaat tcaccttaga agggacactg tattcaaact cacgtcaagg cactgtgtgg 120
acgagctgta gccagaactg tcaatactat cttctaactt accctggcc agaaggtttc 180
tacagacagt gattctaggg tgagaactgt cttagtgtgt gcagtatcct gcataaaaga 240
acaaagctgt catca 255

Name: T237 Len: 255 Check: 2280
acagaggcag tggaaagatg tggtggaacg ggcgtgccaa gcgagggctg aagaagtgtg 60
tgtgcagatc tccaacgatt atgaagccaa acttgctatg ttatctttag ctttggaaaa 120
tgcaaaagct gagattcaaa gaatgcatca agaaaaagac catttcgaag actccatgaa 180
gaaagcattc atgaggggag tgtgtgcatt aaatctggaa gccatgacca tatttcagaa 240
caaaaatgac gcagg 255

Name: T238 Len: 255 Check: 16DE
acagaaagtg cgtgtggtaa tcggcataga caaagaagtc atcgcctact tggttgtcca 60
gcaccgcatg gctgttctgg aagtaattta acacactcat aatggtgcag ttcttgttgt 120
atggagagag gggggccaca cagatgtcct gaagtgtcac ggtttcattg ttataggacg 180
cagtgatact ttcaatggcg atctgtaagt ccagaacctg gtgcagaatc tctttgttca 240
atggaggccc gaagg 255

Name: T239 Len: 255 Check: 2536
acaaggcctg cttcttcgga gtgtcatcgt cctgaggtaa ggaggagcca agcttttcca 60
tgtattcaat ttcataggag tttctgtagt ccagctctgg ctggcaagaa tctttttctgg 120

gtctttgccc cctagggtca gtattcttca aggcaaggtg tgggtctggc tggccactga 180
gttgcttacc ctccgagggt gaattgaatt tggttctcatt tacaaagtta gataggtctg 240
agggctgcgg gaaat 255

Name: T24 Len: 255 Check: 21ED
actatgggggg tnngangcat ttaagggntn cannttcttga ntttccaatt gnncaggttn 60
ncagtattta tncagattat tancnnnttgn taccgnnacn ngatttcctn cnangtttat 120
natcgacgnt gtccnngtgg tnnttnenan gengnntttn ngtnnncctnt ntggnncgac 180
tactacagga tccgaacttnt gntaccncta cctggagtga acannnccat anctctaacc 240
tgtgttgaaa tgcgg 255

Name: T240 Len: 255 Check: 11A5
accttgnttt gatcatttcc acagcacatt tctcctccag aaacgcgaaa aacacaagcg 60
tgtgggttct gcatttttaa ggataagaga gagaaagagg ttgggtatag taggacaggt 120
tgtcagaaga gatgctgcta tggtcacgag gggccggttt cacctgctat tgtcgacgcc 180
tccttcagtt ccactgcctt tatgtccccc cctctctctt gttttaactg ttacacatac 240
agtaataccc gaata 255

Name: T241 Len: 255 Check: C48
acataaaagg accccataca tcatgctggt aaaataggac attcagaatg cacacacttc 60
tgttttttct cttatgtgat aggtagattc ttaatgttaa gcatttttat tttgtgattt 120
actccatttg taacttaata gtcttggatt taaatttaca atttgccctg tttggtattt 180
tgttttaatt tggaaaggat aattggaagt taactgaaat aatggaagtt gaatttatac 240
tctgcatttt tatat 255

Name: T242 Len: 238 Check: 1CD3
actactaaga aatgggacaa gtcactgagg acttcagcgg ctggggtccc catcccagat 60
aagtccaccc cccaccacca ccacacacca cacacacagg gatgctctgg gaagcccgtc 120
tcgtcaccaa ggacctaccc tagacccata agaagggcag ttgccactgg agctgcctga 180
ggtaggacca ggaaacccca cttagtgtnc ctgcccgggc ggccgctcga aagccgaa 238

Name: T243 Len: 255 Check: 1640
tactcgcgca gtmatgtgtc ttctccttct acacactggg agtcatgtct ggagctgcag 60
aagaagtggc tacaggagca gaggtggyac atccgcyggc ggccatgtgt agagcagctt 120
tggagtcccc tagaaaatag catcatcnnc gagccttnat ccctnctngt tggtggaccc 180
cacttgatcc caagactctg gcctttaacc ctaagaagaa gaattatgag cggcttcaga 240
aagctctgga tagtg 255

Name: T244 Len: 255 Check: 44F
acacctaggg cagctcgagg caagcgatct ttaacaagat ctcctccagc catccgtagc 60
ggtctgcatc tggragtagt tctgatcgct cacgttctgc cactcctcca gcaacaagga 120
atcattctgg atctcggaca cctcctgtag cacttagtag ctctagaatg agctgttttа 180
gtcgtcctag catgtcacca actcctcttg accgatgtag atcacctgga atgctagaac 240
ccccttggaag tgcta 255

Name: T245 Len: 254 Check: 26C2
accaccatac ttctgggctc tctctgcttt gtcccctttca attttctctc gaaccctttg 60
tctggcagca gctcttcagc cttctccctc ctgcgckcct cagcagcccg gcgtatctca 120
tcttcctgta gtttctgtcg tgcagctgac agctcttgcc cttgtctcct ccgctgcttc 180
tctcgttcta aagcttctcg ctcctctctt tcttcacgtt cccgctgctt ctgcgccaca 240
agttccaama ttct 254

Name: T246 Len: 254 Check: 874
taccaggatg taaacattat tggtttttga ttcacagtct tggaaggatg gcctgtcttt 60
aggctcagaa ctccagcmat gcgcnnnaac tccttcagyc cttctaagcc aggagtctca 120
gggctgtccg gaggcagctc tgtcaatgga ggtcgcctct gcctgttaca cactgctcca 180
cgaattagtg aggtcttgtc taccacctca gcttctcttc cagccagcac tgtccacacg 240
aggaccccaa aact 254

Name: T247 Len: 255 Check: DC4
acatatctct atattattat atatcaactt acatatatac atatattttt mggggtggtg 60
ggaaatgggt gtggctacct ccacctgctt tcmcgtgtma camgcctgaa gggctgctta 120
gggcttgata cagggtcatt gtgagaagtg tgcaccatga ctcaggactc aacctggcat 180
gcagccaccc aggcccatcc cacacatgta tgtgacatgt agacagacac ctgccattgc 240
ctacacgcta ccctg 255

Name: T248 Len: 255 Check: 1F92
tacgcacggc ccgctatcct ggcagctgct tcagcagtcg ctgcctccac cttacttgnc 60
accacggcgm cmcacmcysc mycgcnncan nncccanngg ccacargygc tccaggcaca 120
gctgcaagtc ctctcctgag cccgtaagaa agggacccac agtaaactga ccatgctgca 180
tggtggcccc aggcactctg gggctgatgg tcctagtata agataaggct gcctcagacg 240
tccttgccaa cccaa 255

Name: T249 Len: 254 Check: FA1

cacatgasgc catgagcatc tcagggctcc tcctggaatt ccctcatctt cactgtgtcg 60
taaaaaamrc agawgarawt gcaannnngc ncenccaccn nennnnnnaa aagagttgcc 120
cgcatggccg tstcctcttc cgaataggcc agaatggtcc ttaaggactt tctcaggtgc 180
tcctcattga agtctggtgc tttgcctacc aaggatgcca gtgccatggt tacctgcatc 240
tttactcttg caaa 254

Name: T25 Len: 255 Check: C40
accctcagct agagcacang gcctctcgcc ctgcgtcttg aggacaagtt cattgcttcc 60
cagcgctgcc cttcagagct ttccctcgct tgaccctgtg tcaggaagcc cgtagctctg 120
ctttttcctca ttttagctc aggaaagatg tcaggctcaa accacttctc aggttaatgg 180
accctgtccg ttgctctgtg caactgctag cagtatttta agggagaaga taaggcaggg 240
agagagtagg aggta 255

Name: T250 Len: 255 Check: 198C
accaggaccc tgctgcagtt tcctttgtca cgaattttac tataatttat gttaagatgg 60
gctatcctcg ccggccagkg gnnaaacaat gngagcgcgg ccctacgct tcttactgcc 120
atggaaggga aacctcagcc acagcaggac agcttaatgc atcttttaat accaactctt 180
tttcacatga aatacccggc tgaatcatcc aaatcagctt ctccatttaa tcttgctgag 240
aaaccaaaga ctgtg 255

Name: T251 Len: 255 Check: 4CD
tacacctagg gcagctcgag gcaagckatc tttaacaaga tctcctccag ccatccgtag 60
cggtctgcat ctggaagtag ttctgatcgc tcacgttctg ccactcctcc agcaacaagg 120
aatcattctg gatctcggac acctcctgta gcacttagta gctctagaat gagctgtttt 180
agtcgtccta gcatgtcacc aactcctctt gaccgatgta gatcacctgg aatgctagaa 240
ccccttggaa gtgct 255

Name: T252 Len: 255 Check: 845
acctcttgcc ttatcagcct gccatggcca atcccacagg gaacssgagg gaaggaggat 60
gttggctgas aaasmsgaga gatasamaca gaagaggggg agtgaatgga cccagtgggc 120
tgtcttattt caaagtggtt gtgtatgatt cttatactac atctatatag agatattaag 180
gccctctgag ttaaagaaac tsycctcatc ccgtgctgtt cactcatgtt tgtaaaaatt 240
gttccatgct aacat 255

Name: T253 Len: 220 Check: 990
actgtccaca cacctggawg acgtgcgggg ccagaacatc gamaagaaaa ctgagaagat 60
cctgagagag ttccttmstt hcmatnanga ccagtatggt gtctccctct tcaacagcat 120
gcgccatgag attgagggca ccgngcctcc gcagcachnh tgctctggcg caaggtgccc 180
ctggatgaac gcatcatctt ctccgggaac cttttccagt 220

Name: T26 Len: 255 Check: 249E
acttgaaccg gaagcactgc atacccccac gctcatgacc acaccctctc tgactccttt 60
tactccgagt ctggttttca cctwtcctag cacaccagag ccttgttcct cagcccatcg 120
aaagagtagc agcagcagtg gtgacccctc ctccgacccc ctaggttctc ccacactcct 180
ggctttgtga ggcacccagc cacacccctt gcaggtgcta cccgttgtca tctcctttcc 240
ctgttcatcc agcag 255

Name: T27 Len: 255 Check: 2554
acaaatttag ccacctggcc ccccgggagc ggcagacaat gttcgagctc tcaaagatgt 60
tcctgctctg ccttaactac tggaagctgg agacccctgc tcaattccgg cagcgatccc 120
ggtctgagga tgttgctacc tataaggtca attataccag atggctctgt tactgccacg 180
tgcctcagag ctgcgacagc ctcccccgat atgagaccac ccatgtgttt ggccgaagcc 240
ttctgcggtc catct 255

Name: T28 Len: 255 Check: 101C
ancnnngncc ngncegacgn accnctttac agannngncn annantatna nncacantgn 60
tacntactgg ngncnggctn annnnatcag gaaccncang gagcnnaang anaanaaggt 120
ntagangcta caaaannnta cagngantgg ancnaaggct aangncaacn tggangcctc 180
nanncnettc atgnncntgg acatatcngc tanngacttg ataaacatcg agagcttctt 240
cagtcgagan gtgtc 255

Name: T29 Len: 85 Check: 25D
tctgaatgtt gttatatgcc attctagtcc tcattctcac agcttgttca acccactctt 60
gagggttttt ttgacatcct gtggg 85

Name: T3 Len: 255 Check: 17F9
ctatctgttt ctatgatttc ccgagatttc tgggaggatt tacttgctga cttgtatttc 60
ttttttctcg ctgtaggtcg aggggaagat ttcgactcct ttttgatgtt aggtttcctt 120
gagccctggg tggctgcctt atgcctgctg gagggcatgc tggtagccat gtccacaggg 180
gtctcacttt ctatcttcag gcctccgcgg ggctcttcag cagctgactt ctcagttttt 240
ttgggttggt ttttg 255

Name: T30 Len: 255 Check: 6D7
acttgcgcac aaggccgagt gattcggaga tgaaatatgc cctgaagcgc ctaatcactg 60

ggcttggggt gggccgagaa gctgctaggc cctgctacag tctggcgcta gcacagctgt 120
tgcagtcttt tgaagacatc cagttgtgtg acatcctggg acagatacca gaaaaatacc 180
atctacaagc aatgaacaag ggcatggatg aaacctattc tttttgcaaa cctgtttgaa 240
ggcttggccc ttttt 255

Name: T31 Len: 255 Check: CA5
acttgcgctt ncgcgnntgc aggttgaacc angtgtaggc gaaggcacgc acatgcggca 60
gcagagcctc gatgaatggg tggaacttcat cctgcggaga ggtggggaaa ctgangctca 120
ggctgtccca catagatggg gaaaccaaag cctggataga cctcccactg atggagagga 180
gggtcaggaa atgaaagccc tggatagctt actaggactt ccaaggagat gaccgggggcc 240
aagctgagga cctta 255

Name: T32 Len: 255 Check: 22F3
actttcagac tagttggtta tacagctttt cttcttagat aagggttctt ggtttttgtt 60
tgttttctct atatcatttt gtgtttttgc attctgcacc attttacaaa ttaaaatgtg 120
ttttctggtt ttttttttt tttacaagct aagaacctag aatagagctg tctgccgcag 180
cctcctaaaa caaaagttta caattgttaa agccacagta tcctttttaat tgctaataat 240
caaccttttct ttccc 255

Name: T33 Len: 253 Check: 24A0
acttaaagat tcagggatct gaaagattaa nagannaaac anacctggag tattatcaat 60
agtcttcant ntaaagtatg anttggatga atnaaanaat tggttcttaa anggtntgnn 120
gnatgaaatc tgtgncngta gtaanacant ntcnnatgnn tatacttttt ttgnttnatt 180
tctgaggtaa gaatgtnnga gacaaacnnn tggggcatta gattctagta ttaaaacaag 240
tccaatgtgn acc 253

Name: T34 Len: 255 Check: 1A63
acttanagag aacagccgcc ccatgggaga gcagattcag gagcctgagt ctgagcatgg 60
ttctgaacca gacttttttac acaatcccca gatgcagatc tcttggttag gccacgccga 120
agttagaaga cttgaatctg gaaggacacg aacaggaatg aactacatga aagtgagagc 180
tggagtaagg catgctgttc ggggtctaat ggaggaagat gctgagccca tctttgaaga 240
tgtgatgatg tcatc 255

Name: T35 Len: 255 Check: 23D0
ttcggcttag cgtggtcgcg gccgaggtac ttctgcaggg ctttgtagtc ctccacagat 60
gtgacatcca acttgtgctt tgtctttggt ttaggtggtt caaatggaca cgtgagaatt 120
gcaatcttag cattcaacac ttctttcggc atctgtgggt gactgaagtc cttatcaacg 180
atcacaccct ttataagttt ggtgtcctcc agccgcccac ctactttgcc ttccactttg 240
atgagttcaa agtca 255

Name: T36 Len: 243 Check: 1CC4
acacacgaac tgcttctttta taaattatga actggagctc ctgatcacgg cggggccggg 60
gaggaccagt cctagggctt tgctctctgg aagaacacct ttaggtaatt tttaaaaact 120
ttagcatcag gctgctgaag tgcttgacag aactcctgaa ttatttctgg agcgacttgc 180
aaggagggca ggtattcttg ctgaagatac tgaacacatt cggggccccg tttgagatga 240
att 243

Name: T37 Len: 255 Check: 103E
ttcggcttag cggggtcgcg gccgaggtac ttcattggga tgttgaaaga tgaatgggct 60
tcgagtgaat gtggcagtta aacataccgg catttttgg acttgcatat ttagctggtt 120
ggaacagagt tgtttccttc ctgaatttca aagataagac tgctgcagtc gcatcacaat 180
attcagtggt gaaatcttga ttgttactgt cattcccatt cttttcgttt agaatcagaa 240
taaagttgta tttca 255

Name: T38 Len: 255 Check: 2311
actttgagat cttcgtcaaa gagcagagcg aggtgggcag catgggagcc cttctcttct 60
gagcctcgtg tgcctgtgga ccagggtgag ggcacaggct ccagaactgc cccggaaggg 120
tgctcttact gctggagcat gctactgtgg catagggact ttaatttttt ttttttaatt 180
tcatatcttt tcattccact gtgtaaagtg ctaggaaatt tccaatttga agttttgctt 240
tttctgacat tggca 255

Name: T39 Len: 127 Check: CE4
actctatgcc tttgangtcn ntactnacaa gaggnccaca ccccgantgc naggaacagt 60
tcctgnggnc cgngatggac attcancttg tnncctganc aagatcatat nccncaaaaa 120
ngtacct 127

Name: T4 Len: 255 Check: 1E0E
actttgccca gactcgaggc ctgagggact gaggaaaacc aaaactccac tccctaccc 60
cgcctcccga tttggwttcc acacattggt tcctctgaat gctgcttgct ttgctaagtt 120
tgggcatgta agaccttaag gggtggtgtg tgccawgnmt gcccatgttt ctaggcagtt 180
ttagcttgtg tcttcacata gatgagagcc tactgtctgt cagtgaaaar agtggtgctc 240
cagggatatg gtgct 255

Name: T40 Len: 255 Check: 23B

acttggttga caaggctcat caagaagcgg cctactgtgt tgtcagcaga cacttttcca 60
gacagcacat cctcagcata ctgcaataca gtgcttagag catcctggat ccgggctgag 120
gcccctccca cttgctgtaa gtcacttgag agtccaatca cccggttggg gctaaaacat 180
gtcttcatga tgaggtcaac tccaatgcgc tcagtgtcat aatacgcata cttcactgtg 240
agaggggtga acatc 255

Name: T41 Len: 255 Check: 19F3
tgagcaccct gaaggtgaag ggtctagttt tgggcccaat tcacaagaac cagaaggatg 60
aagtcaatga aaccgacttg aaacagattg atcccgattt angctcccag gaagatttta 120
aagaccttct acaaagngcc aagaaaaaga gcattcacat cattttggac ctcactccca 180
actataaggg ccagaatgca tggttcctcc ctcctcaggc tgacattgta gccaccaaaa 240
tgaaggaggc tctga 255

Name: T42 Len: 255 Check: 1B8C
actgggataa agaagttctg cgagccaaga aggacagctc ggaagccttc cttaacgaag 60
gcaatcgtga agtgttactg gaaatcttac ctgattttgg gaatttttac gttaattgag 120
gagaccaccc gagtagttca gcccatattt ttagggaaaa ttattgatta ttttgagaag 180
tatgacttctg acgactcggc cgctttgcac acagcttacg gctacgcggc ggtgctgtcg 240
ctgtgcacgc tcatc 255

Name: T43 Len: 124 Check: 20A1
tcattgccat atacagaagc acagtcaatg tggcggtagc ctacgctaag ggcatattta 60
atagctactt tcacctgacc aggctcactc ttccatgtcc ccagaccaat cagaggcatc 120
ttct 124

Name: T44 Len: 255 Check: 2014
acttgcccag aatgtcgggg ccacccacga tctgctggac atttgtctga agagggccac 60
agtccagggt gctcagcatg tgttccagca cgttgtgcct caggaaggca agccagtcac 120
caaccagaag agctctggac gatgctggat cttttcttgt ttgaatgtta tgagacttcc 180
attcatgaaa aaatttaaca ttgaagaatt tgagtttagt cagtcttacc tgtttttttg 240
ggacaaggtc gaacg 255

Name: T45 Len: 255 Check: 16FC
acatggctgg aattgatggg gagaaggaac acgctaatgc cctgaagatc ctgctggaga 60
tgggcgagtt cttccagatc caggacgact accttgatct ctttggagac cccagtgtga 120
ccggaaaggt cggcactgac atccaggaca acaaatgcag ctggctggtg gttcaagtgt 180
ctgctacgag ccactcctca gcaagcgcca gatcttagag gagaattatg ggcagaaagg 240
acccacaaaa agtgn 255

Name: T46 Len: 255 Check: 11C0
acttcatata tttaaacttg gaatgaggcc aaagcaagaa aaacacaaag aacacaggct 60
gttaattaaa aaaaaaatca agaatgctaa ctagtgnaaa tattatcaca tgaaaaccaa 120
ccccggatta acaaaacaac cttatgatta gacacttaag acctcgattt tttgcttaac 180
tagaaattta caccaccana agttcctgat taaaatacag aaatctataa agctggcgca 240
ggacgtaaac ttgat 255

Name: T47 Len: 127 Check: 6E7
acaatcagag ttcgtagaag taatgaacga aatctgggcc aacgaccaaa tcaggagcgc 60
cgtccttatt tcgtcaaagc ctggctgctt tgttgcaggt gctgacatca acatgctggc 120
ctcttgt 127

Name: T48 Len: 205 Check: 95C
acaaagtggt ggaacttttc ttctatctca cgatgggatt ttctccagcc ttggtggtga 60
catcaatgaa taacactgac ggacttcaag agcttgcctg tgggggcctg atctactgcc 120
tgggagtcgt gttcctcaag agcgatggca tcattccatt cgcccatgcc atctggcacc 180
tgttcgtggc cacagccgnc gccgt 205

Name: T49 Len: 255 Check: 4E4
ttttttttt ttttttttt ttttttttt taaaaagaaa tttttgcctt tattagaatg 60
gcattaggcc ttaaatatgc caatttttgg aatcacatta ttgttttaat aagaaacgac 120
tctacagaat tgcaatactg gtccaacagt cttgtctttc ttttaaagca agaaacagaa 180
tgtaagtaac cagaaagcag ggcaggcatc agctaaccca ggagactagc ttcttagatc 240
caagcgtttg cagag 255

Name: T5 Len: 255 Check: 25B0
acaagctttt ttttttttt ttttttttt ttttttttg ggaaganaat tttattagct 60
tcacgagaaa gagctgccac gagcaaagac ctgcttgggg ataggactgt ggtggcttcc 120
aaccaaaatc gtagatgant ccacctgntc cctncacatc tgtggaaaga gtctaagcgt 180
gacacccaag aacaccttac tggcttgccc tctggnatag acacagactt gggcaaagca 240
accctgctg gacat 255

Name: T50 Len: 166 Check: 12C8
acctctttcc agatggngtg ctcttgatgg tggatgagat cttggagcct nctttctgtt 60
cccacagact tttcttgctc atgtctccag ctactatatc ctggcangag ggngncttgg 120

aagcatactg antntgcacc tatnctgtct cccanagagt cttgnn 166

Name: T51 Len: 255 Check: FE7
actggttaca cactctcttt atagactccc ttntgctgga aaatttccac atgcttttga 60
gagattcccc aaagggtgac gctatttatc tttagtaagc tatttatctt tgttttttgaa 120
atatcaaacc ctggaggtcc ttttttcagt atgacttttt ttatttttgtt ttttttttat 180
tttgtttttt aggttacttt gtcagaagca taacagggta taagttgatt cataataaat 240
acctgtccat cttca 255

Name: T52 Len: 255 Check: 6B
acatctttag ttttacaatg cagattaaca gaatacagga attccagcat caaccaagtt 60
ttttttttaca tctttcttgc agttacagat actatttaac aagattccaa tttctaagaa 120
aaacttagtc acaatgctat ttgatcttcc tctaggtctc aaggctgaaa atgttctcaa 180
ttcgctttta acaataacaa ggctcttatt ctgaaataca gcaataccag cctatacccа 240
acagtgatcc tacaa 255

Name: T53 Len: 255 Check: 23D4
acgaatttgg tcccagatgg tgaccatcca tgcatacata gcagccactg tgaggtgtgc 60
tgtggcctga ggcctggtct ttctgacttt ggggactgcc acatctgggc tttctcctct 120
atgattnttt gggtttgntt ttgtagcngn tcatttgggt caagtttaca ctaccgagat 180
gattatttct tgacaaaaca gggtagcacn agagcaggag atggttgngg ccggacagtc 240
cggctctgag nggga 255

Name: T54 Len: 255 Check: 18A6
acaagctttt nttnnttttt ttttttttttt tttccaggtt ttaaaacttt atttgcatat 60
taaaaaaatt gggcattcca ataattaaaa tcgnttgaac aaaaaaaaat ggnactntga 120
ttaaacngca ttttatatcc tgcaagacat nttttatttta ctctnaattc caccatntcc 180
cacccagntt tttccttnac caacatgcaa gttcttttcc ctntctgcca nccaggccag 240
naggtgggcg gcana 255

Name: T55 Len: 255 Check: F10
acaattttga ttttccacat tgtggccttt taaacaccta aaatatttaa taaaaagaga 60
atttctccat ctctgtgtcc tctatcagtg tgcacagtct cgagtaatga cccaacataa 120
aaattaagcc aaatgtaaag ccagccacac tgtcctcaga acagtggtta tccccttcct 180
ttagtgcctg acatcttctt agtgtttgtg agaaaatagg tttaaatctg aatattcaca 240
gtgaaaagct gaaat 255

Name: T56 Len: 255 Check: 113D
acgtcttctt ttggtccttt aaagaaatgg ctgcatcgat ctttctggacg gtttcaggga 60
ggcccagagt gtgaatgctt ttaggataac ctgctagctc ttcatgacct cggatagccc 120
agatctgatt tcctttaaga atgaaaacag tgtctctgtt agtaacttca tatgcagcat 180
ccatgttgga tggaagagac ggccaaaatg aagagatcaa ataaaagcca ggctcagggg 240
tcctgagaga ttttc 255

Name: T57 Len: 241 Check: 9CF
actaatctct tcagcatgtg ccatncccca gcctgctcca cacaccctcc ttctccctag 60
ctctaagctc atcagttctg agttcacctg agctccttta tttcaaatgc agtccaggtg 120
agatggcaaa tcaagtttgt cagaacaaat ttaccaccac cttcccaagg gaatttcata 180
actcagaata ctcacaggaa cctagacatg catgnttaaa tattatttaa tgaccgactg 240
t 241

Name: T58 Len: 255 Check: 529
cggactaagt agctggcgaa gcanctacat gcacntgacc agnacncttc taagtgccan 60
ganctgtctc ccaaataggt gaaggagatg naacagttcg tgaanaanta tgatancgna 120
gctntgngcg tntgcnacgn gaaccttgcn ttcgagatga atgcttaagg tgacaaggag 180
cncaacccctg ccggagacan aaacncccca gcnacngtgg gttncaagga caantctgna 240
naagccaaga anacc 255

Name: T59 Len: 252 Check: 1323
acaagtttaa ggcatcaaaa tgactaatta tagacgataa taacagtctg gatcctagga 60
ggcaactgga ggcgttttaa ttggaaataa gcatttgaga taatgttaat agcagtgcag 120
aaaaatgaag ttaaaaacaa aatcagtgtt aagaagcctt ccgtcctgca ccttgctttt 180
aatcatctcc tccacagaga atgagcagaa ccttcctgta gtctccagaa gtgtcgccct 240
tgataaaaga gt 252

Name: T6 Len: 255 Check: 1778
actgtaagcg agagtccgct gcctgtcctg ccaggcagcg ttctgtgaag gctctcagag 60
acgctcgctc ttgcacacgt ctgactccgt gtcaggctca ggtcctggga gagtgaaggg 120
gtggacactc gggggtgggg ggcttgcana gaacacaggt atttccagat agtgtcagct 180
tatttgaaaa ttaatttttct ttgttaaaaa taactatttt aacccttgag tggcttcttt 240
ttaaaccaaa aaact 255

Name: T60 Len: 242 Check: 1F8C
accagcgcct agggggtaga ctatgaggag cgagtgctgc cgtccattgn taatgaggtg 60

ctcaagagng tggtggccaa gttcaacgcc tcgcagctca ttacccagcg ggctcaggtg 120
nctctgttga tccgaagaga gctgacagag cgtgccaagg acttcagcct catactggac 180
gatgtagcta tcacagagct aagcttcanc cgagagtacc tgcccggncn ggccgctcga 240
aa 242

Name: T61 Len: 255 Check: 1C6F
cggcgatatg tgcgcaagtt tgtgttgatg cgggccaata tccaggctgt gtcgctcaag 60
atacaaactc taaaatccaa caacttcaatg gcacaagcca tgaagggtgt tactaaggcc 120
atgggcacca tgaacagaca gctgaaatta ccccagatcc agaagatcat gatggagttt 180
gaacggcagg cagagatcat ggacatgaag gaagaaatga tgaatgatgc cattgatgat 240
gcaatgggtg atgag 255

Name: T62 Len: 255 Check: 705
accttacaga tgacgagact tctgctcagg tttccttgac tgaagggcat aagtttgacc 60
gggatgtgga actcctgatt tactaccgtg aagtgcacag ccccagtgta gctgtggaga 120
agggaatgca ggacaagaag cgagatagtt tgatgggagc tccttgtgca atggtgagct 180
tctacccaga catcccagaa gtgaacgcct caaaggtctg tggagaattt gtgtttctaa 240
tggaccgctc aggaa 255

Name: T63 Len: 183 Check: 61A
ttcggctttc gagcggccgc ccgggcaggt acacctcgtt ggtgtgaagg aaaagagaga 60
tcctgtccgg cgggtaaacc aggagcagta ggcgctgcag gaaccgaggt aggaagggag 120
tgggctgctc cacaaacacg ggcagaagca ccccgggggg aggctgaccc cccgggagag 180
gcc 183

Name: T64 Len: 183 Check: 20D3
accatgttgc atgtggcttc ctctggatat atctaagccc ttctgcacat ctacacttan 60
atggagntgg tcaaagggaa catctgggtt atgccttttt tacagtagct ttaggaaccg 120
tcggcatgtt gctgttgaag tgtggagttg tgagccgtgg actgtggaca gtcnacagcg 180
ngt 183

Name: T65 Len: 255 Check: 1711
acaaaccgta gaacttcact cagcagagag ataaaggcgt aacacaaccg cccacccaag 60
gtaatggtgg acagcaaggc tggaatcctc atcctgcaag caagaagagg gggactgcaa 120
agtggagttt gtgggtaacc ttantctctc cttgctactg aattcataaa gnaagaggcc 180
tttacaaata acccacaccc tttaattttc tactacataa taggattata aggccacaga 240
attcctttgg ggaaa 255

Name: T66 Len: 245 Check: 2607
tacttncaga caaacccata cttcacaaac atggtgatcg tcaaggagtt ccagcgcaac 60
cgctcaggtc ggttggtgtc tcattctacc ccaatacgtt ggcatcgggg acaggaaccc 120
caggtctgca atcgcaggag ccacgacacc agagaaagct tcttcaactg gttttccaac 180
cacagcctnc cagaagctga cagaattgct gagattatca agaatgacct gtgggttaac 240
ccagt 245

Name: T67 Len: 166 Check: 1820
acagcgcccg gcagagacgg cgcctgaacc gaggcctgcg gaggaagcag cactcactgc 60
tcaagcgctt gaggaaggcc aagaaggagg cgccacccat ggagaagccg gaggtcgtga 120
agacccacct tagggacatg atcatttctgc ccgagatggt cggcag 166

Name: T68 Len: 194 Check: 2479
aaaaaaaaaa aaaaaaaaaa aaaaaaagct tgtacacggc caggtgtcct tcctcgatct 60
tgtggatgga ggccntaaag gaggatccgc caccaacccc accactgnan ccaccaaaag 120
ccgggcttga gtcatattca tccttgntcc tccggtcagt gacgcatcgc cccgcccgc 180
acgtgcaagn ccgc 194

Name: T69 Len: 239 Check: 1C69
acggccgcaa atacatccag acagacagcg gcccctactg tgttcctgc tacgacaaca 60
ccttcgccaa cacctgtgcc gagtgccagc agctcatcgg ccgcgattca agggaactgt 120
tttatgagga tcgccacttc cacgagggct gcttccgctg ctgccgctgc cagcgctccc 180
tcgccgatga gcccttcacc tgtcaggaca gtgagcttct ctgtaatgag tgctactgt 239

Name: T7 Len: 219 Check: 348
gtacaagcct ttttttttt ttttttttt ttttttagga aagcagagat ccactgagtt 60
tattttctca acggnttctg cagtgaccat agngaagaac ccacagcagc tgggcccccag 120
ggncacaagg gatgctgcgc tggacatcaa aaggngacag actgaaatga gcaggactga 180
gctgctggct tggnctntnc acaccagcgg ncttnacct 219

Name: T70 Len: 255 Check: 118A
ttcggctttc gagcggccgc ccgggcaggt acgcttccat tatgccatca ttgggttttt 60
gaaaatgagt gacacccctag ccgtttatat ctttgaagaa aaccacgtgg ttcaagagaa 120
gatctggtct gtgctcgagt ccccaagggg tgtttggatg caagcagaag tcagctttaa 180
gaagcccatg cccacgaagg tggtctttat gagcctatgc aaaagctttt gggactgtgg 240
actggtagcc ctgga 255

Name: T71 Len: 255 Check: 12C7
aggtacagag ccaggcagga ctctgagcct ctggaattag ggaggtcctg gtgcagaatc 60
tgaacaggca gagcagacag cagggcagaa gcggcctttg aagaatgatg agctgtgacc 120
ccgcgcctcc gctccacttg cctccagccc cttctcctac cacctctatt tattatacat 180
cagggttgga gtggggttgg tgtccttagg ggctcaagtt ccttctctca gctgggacag 240
gagatggctg ctcaa 255

Name: T72 Len: 255 Check: 1D27
agaggcttag aatcgatcct ataaatgaaa gatcctttat atgcaattat aaagaacact 60
ggtttacagt tagaaaatta ggaaaacagt ggtttaactt gaattctttg ttgactggtc 120
cagagctaat atcagataca tacctcgcac tgttcttggc tcagttacag caagaaggtt 180
attctatatt tgttgttaag ggtgatctgc cagattgtga agctgaccaa cttttacaga 240
tgatcaaggt ccaac 255

Name: T73 Len: 255 Check: 1B16
taggatgcag aaacggtagg tcgggagaac actggaggct cctcgccaaa tatcacaatc 60
atgatctgaa taagttccag caactctgac cgtgggtgtt tccagtcatg taggtaaggc 120
aggtagattt tcccatttgc atccacatgc tttcctgttt taatagtcat tgaactagta 180
ggcttaacaa aacagatagg ggggttatat gggtatgtgt ccaggagcca caggcatatt 240
ggaatgttat atata 255

Name: T74 Len: 255 Check: 191
acacacacag agggagacag agactcagga aggatggggc tcgggcacac ttgctgctgg 60
tgtccactcc tccccttgcc tgctgtctgt ttcccacagg agatcttggt tctagcgtga 120
ataaagcagg gtggacctgc ccctttcctn ccgacttcct tccacactgg gttggaaagg 180
gctatcatgc ccaagtcgga cggaccaagg tggcagatgg gtaggggctg aagagtgggt 240
gcacaaatgc tcaca 255

Name: T75 Len: 255 Check: D2A
cttcatcctg cgctgtggca aagctctgaa tgagcgcaaa gctgaagtga gacttcagtt 60
ccgcgatgtg gcaggtgaca tcttccacca gcagtgcaag cgtaacgagc tggtcatccg 120
tgtgcagccc aatgaggcgg tatacaccaa gatgatgacc aagaagcctg gcatgttctt 180
caacctgag gagtctgagc tggacctaac ctatggcaac agatacaaga atgtgaagct 240
ccctgatgcc tatga 255

Name: T76 Len: 107 Check: 197E
acctgtgccc tgttaaactc ttccaaaaca tgatggtccc atcagttcca caggtcataa 60
cccatgcatg aggtgccccc ttggccttcg tcccaacaca gacaaag 107

Name: T77 Len: 163 Check: 1460
accaagaccc agtctganat aggtggataa gggttatgct ttattgatct acatagagag 60
tttacgaaat atgcgtgtgc ttgcgtgtgc acataaatag tattagaggc gggaatgaag 120
ggcctggatt ttaaaaaaag aaaaaaatag agagagcaga att 163

Name: T78 Len: 255 Check: 2688
acctccaaaa gaaccatgag gagggaaatg ggagatctgc aaaatgcatc agggggaac 60
atcaatgtgg agatgaacgc ggcccccggc ctggatctaa ccgccatgtt gaacaacatg 120
agggccgaat atgaagantt ggctgagcag aaccggaaag atgcagaggc cagttttaaa 180
gagaagagtg catcgctgca gcaacagatt tcagacgacg caggagcaat cacggcggcc 240
agaaacgagc tgatg 255

Name: T79 Len: 255 Check: 89
accagatctt accggaggtc tcgaggagcc agagaagcaa agagtcacag ggaagcagaa 60
tgatttgtca gaccagagca ggtgtcagac ctctgaggaa ggaaacaagg ggctcctgg 120
gaggcctgtg ccgagacggg ctgttccagg acaccggcca atggtccgca gacacacagt 180
caatgacgca gccatacttc aggtcccaga ggtgactggc cacctgacca cccaagaggc 240
tggtgttttct cggtc 255

Name: T8 Len: 255 Check: 12E4
acagcagntn aggtaaggca gngaagggga gctggcctct ctcacttaaa caatccagga 60
agtcctgac gttgggtgga gccaggttct cagtcacatc tctacacaag aagagcatca 120
tctccttctc atcctcatca agagactcct ncacctggng aatgacctca gcanacacag 180
tgctcagggc catgttcaga accgcagaag ncaggctctg ggccannctc catccgttca 240
ncagggctcc gggaa 255

Name: T80 Len: 255 Check: 1960
acttcgaagt gctgggcacc acctcgtgcg ggcgaaggag aaccttgtgg ataagatctg 60
gacagaccgg ccagagcgcc cttgcaagcc cctcctcaca ctgggtctgg attatacagg 120
catctcgtgg aaggaggagg ntgcagacct tcggatgaaa atggcggaga ggagcatcgt 180
gtggggttgn ggcactggcc taagaccgag aatgcatggc tggtcaaact ccgagggggca 240
agaatgtgga gcaca 255

Name: T81 Len: 255 Check: 963
acaagaggct aggccacttg tgccgacagc cgttccgtgc atgcttctgc ctttgctgaa 60

ccttttctggg tcaccataaa agagcttaag gcaaaactgt cacagggaaa gaaggtgatt 120
tgggaaagaa gcttttgtgct tggttatctc tttaaaccac cacttggaac aaatgggcgc 180
ctgtggcctg ggtcctaaac ctggcttaca aacctttgaa gttccagtca ccattgagct 240
tgactgtgac aatat 255

Name: T82 Len: 255 Check: 553
ttcggcttag cgtggtcgcg gccgaggtac gagacccccc gacccctata ctgcagacca 60
aataccgtgc aagggctgtg acctgcaaaa gtgcggcaga gaaggaggcc gaggaacttg 120
agaaactgca acaatacaaa ttcaaagcac gggaacttga tcccagaatt tttgaaagtg 180
gcccccatct gcccaagaga ccacctgtta agcctcctac ccagcctgtt ggttttgatt 240
tggaaattga gaaac 255

Name: T83 Len: 255 Check: 1670
acaagctttt tttttttttt tttttttttt tttttttttt ttttttttgt ttttttttt 60
ttttttaaaa ggttcaaaaa aatatttatt tataaaaaaa acaatggaaa aaatttatgc 120
tgaaaaatgc agcaataaat acagttaaag ggaacaggga ctttacagta aaacattggc 180
acaaatgaaa tttgaaggca cnccacccan acctacatgt ctggggccat ttttgtaaac 240
ccccctttaa agcnc 255

Name: T84 Len: 255 Check: 1215
actgcatgct gatgnccacc gggggncacc ggacactcct tgnaggagct aggctcctca 60
gatcagtgcc agaggctgct cagagaggta agagcagggc agcaagcttc ctacggcatc 120
cacgatggct tccaggtgct catctttgtgc ctgaggccca cagagctgca tgaagtctgg 180
caaacgcaac aaggattcaa gggtgtgggc agagaagcct cggcaagcaa ggatctgtgt 240
ggcaatgacc tcttc 255

Name: T85 Len: 255 Check: 203E
accagagact tgntctgtat ctgtgggttc taaccctgnt tccctactc ctgagccatc 60
tgcaagcaaa cttatggttt caactcactc tgaacaggtg tcatctcatg agatgccact 120
tccagttaga ctttcccctc ctacattgca gtctatggct cctgctgggc ccacccttc 180
tacagtgccc acgccattgc ctttcccctcc gagcttacct cctctgcttc ctcttcctgc 240
aagtggtcct ggtgt 255

Name: T86 Len: 255 Check: 1D97
ggcttgcgtg gctagttcat gtgggagagt ccttgtatgc cttggtattg tgcaggcgta 60
caggaatcac agacagccag gcccagctcc tctggttcct acagactttt ctgtttggtg 120
tagcctctct ctccatcctg tttgcttaca gaccaaagca ccaaaaacat aattaaagga 180
gaaagcgggg tttcctttcc acttcttcaa gccctccttc agtgggtcct ggtttccagg 240
atgatctctc tgtct 255

Name: T87 Len: 197 Check: 68E
acatggcaaa acctcaactg gggaaacacc tcatacggtc agtctgtaga caaggctgtg 60
gggaattgtc ttaatgactg agagaagaac tcagtctgat gtgggtggca ctacctctag 120
ataggctgaa aacaggctga gtgagacagt cagcaacact ggttttgctt cagttccttc 180
tctggttcct gccttaa 197

Name: T88 Len: 255 Check: 16C2
acagctaccc tgcagacacc tcctggcctg cggcggagca aggttcatca agaccgacct 60
ctcctgagaa gtttacagtg cctcacgtct gtgccaggtt tggtcctggt gggcagctcc 120
tcaaagngat acccaacctg ccttcagaag gacagcccgc attgggtgga gatccacagc 180
cttagagacc ttgctgcaag cacacaccctg agcaggaaga aatgcgctcc ttcccaggac 240
ctctcggcaa agatg 255

Name: T89 Len: 255 Check: 15DC
acaagctttt tttttttttt ttttcttttt tttctacggt agggctgctg gctcggttac 60
atgctcatgt gttccgggag aacataggaa atgtcgtccc aggggtgacg atacagccct 120
tgcttcagcc tcttctggtc aagatagtgc ccgatgaagc ccatactcct tcccagcaca 180
aagacgccat tgagggctcc aatgtcaaca tacccgccag cttcctcccg ggtgaaggag 240
ccacagttcc taagc 255

Name: T9 Len: 255 Check: B94
acttgagctt caatcccccc cagcctagtc gaggccatga ccgcctggat ttgcctgtga 60
ctgttcgttc cctccaccga ccctttgatg accgagaggc acaagaactt ggtagccccg 120
aggatcgact gcaggacagc agtgaccctg atacttgcag tgaggaggaa gtcagtagcc 180
ggctgtcccc acccccacagt ccacgagact tcacccgaat gcaggacatt cccgaagaga 240
cagaaagccg agatg 255

Name: T90 Len: 255 Check: 2E2
ttcggcttag cgtggtcgcg gccgaggtac cctgtattta tatattagaa aagtagaatc 60
caccaaatga caagatggaa cagaaacaga gtaaaaatat atcagctggt ttatttttag 120
aggtatatgt taactaaaca cttttcaaac taaagctcat tctttaagga ccctctggag 180
accatatgaa tgtttgtgta tgggtgtgta tatatttact tatatcctga attctactta 240
attttggctc tctta 255

```
Name: T91                    Len:    81  Check:      1D
 cgcatataaa cgcagacttg aacccacatt tgcccaaatc cacatttatt cgaacctaac  60
 agccgaatta cagcttgagg t                                            81
Name: T92                    Len:   149  Check:    231F
 nncaaatcan acccacagca gactacctag gttacctgga aagaactaag tttctatagt  60
 aataaccaat aagaaatgaa gaccaaccac ccatctataa aacctcacct tatcctttga  120
 atccaaatct gacagcatgg aagatcaga                                    149
Name: T93                    Len:   255  Check:    14F3
 acgctgatgg agattccatg caccataaag cagttcagcg cggagaaaca gtctcccagg  60
 gaccgaatcg acaaagaaga aatgggaaac ggaaagaaaa ctggggcatt tccttttcct  120
 cgttgttta atctggacaa aagcctaact ccrggcatca ggatgctact gtgactcaag  180
 agagaagcta gaactgcact agtcacgaag gtcaagttca acctctagga ggatggagaa  240
 cactcttcct gtggc                                                   255
Name: T94                    Len:   255  Check:    138B
 ggataacagc ttcttctact tgaggacacc tgcaaccaag aggatctctg gcatccaaaa  60
 cttctaacac aatgtctgag gcttcaatca cctttttaag ttcctgacaa tgtaacttct  120
 ttggattctg tttgcctgat ttagctttct ttattttggg ctcatcagat tcctcctgag  180
 tttccacatt agattgctca tcatcagggc taatttcaag ntttcttttt cgttcttggt  240
 cttttgcct gtcaa                                                    255
Name: T95                    Len:   255  Check:    15A9
 atccagtgcc catggatgcg ggttttttggt tttgttcagg ctgtgagaag ttacacgctg  60
 gtcagctgac ttttctttttc tgagagaatc acctctcaaa tgctttcctg tgctcccrga  120
 gggcctcctg gctggttgca ggttttctgtt ttactggtgt tctgggctgg ctggtgtcct  180
 gttatcactt gatagaaaga atagaaaatg tttctactct tacccrgcta gcgttgagta  240
 gtgttaaatc ctata                                                   255
Name: T96                    Len:   255  Check:    1353
 atccgcctaa ccgggggccc gcccaaggaa aagaaccgga aaccgggaaa atcctgcaac  60
 aaagccaaca acaaaaaagg aaggaagggg ccgggcagtg ccaagactga tggctgtcag  120
 ggcaagtgca attctagact gagcatggtt ttctggaaca gatgatcttg gatgatcagg  180
 aatccgagga cctggaccgt ccatcattga gccaccagtt tgctggagca cagacatggg  240
 tgttctagca cttcc                                                   255
Name: T97                    Len:   255  Check:    1E90
 acctcagaga acccaggcca gggcagatca ctgagtgcac cttcctgcct aggcagggct  60
 gctctcggac ctagtcagct tatctgatgt caggttgtgg ccatagcctt tgtgaacttc  120
 ttgaccccag agctatttgc tgaggttttgt atgagaagtg tgtggacaac aacctcaggt  180
 ttatcagatg tatttagtag tagggcaaga ggatctcatc tcgatttctg ntcccctttt  240
 cttagttcca tacat                                                   255
Name: T98                    Len:   255  Check:    1ECE
 ttcggctttc gagcggccgc ccgggcaggt actccttaga gccagttgct gcagaactca  60
 aatctctgct gggcaaggat gttctgttct tgaaggattg tgtgggctca gaagtagaga  120
 atgcctgtgc caacccagcg gctgggactg tcatcctcct ggagaacccc ccccttcaag  180
 gaaaagaaaa aaggaaggga aaagatgctt ctgggaacaa ggttaaagct gagccagcta  240
 aaattgatgc tttcc                                                   255
Name: T99                    Len:   255  Check:    134E
 accntggcca tcnacntcca ggaancngtg ggggaagaac gagagggncc acaccaaccc  60
 ngganccttn cggaagcaca ctcancagnc aggnctcncc ganacnggag nggccnnnag  120
 acccaacaan aaganggngc annnggnggn caaacngcct ngggnnnngg gaggaaanga  180
 agcngnncca annngaggnc acaagggngc ggaaagnncc ngncnngang naaaannagn  240
 gncctgncan aannn                                                   255
```

Figur 12

```
Name: 1                    Len:   459  Check:     2459
 NAAGCCCTTC ATCGATTTAT AGAGCTTTTC AGAGTGATGG TTTCTCGAGC AGAAATTGAC   60
 ATGTTGGATA TCCGGGCACA CTTCAAGAGA CTCTATGGAA AGTCTCTGTA CTCGTTCATC  120
 AAGGGTGACA CATCTGGAGA CTACAGGAAA GTACTGCTTG TTCTCTGTGG AGGAGATGAT  180
 TAAAATAAAA ATCCCAGAAG GACAGGAGGA TTCTCAACAC TTTGAATTTT TTTAACTTCA  240
 TTTTTCTACA CTGCTATTAT CATTATCTCA GAATGCTTAT TTCCAATTAA AACGCCTACA  300
 GCTGCCTCCT AGGAATATAG ACTGTCTGTA TTATTATTCA CCTATNATTA GGTCCATTAT  360
 GGATGCTTTA AAGCTCTACT TGGCATTTCC AAAGCNTATA AGGTTATAAT GGGAGGTTTT  420
 NAAAGTAGGA NTTAAATATG TATTCCCTGT TTTTTAAAA                         459
Name: 10                   Len:   227  Check:      147B
 TTTAAGTGTG TTGCCTGTGA GTGTGACCTC GGAGGCTCTT CCTCAGGAGC TGAAGTCAGG   60
 ATNAGAAACC ACCAACTGTA CTGCAACGAC TGCTATCTCA GATTCAAATC TGGACGGCCA  120
 ACCGCCATGT GATGTAAGCC TCCATACGAA AGCACTGTTG CAGATAGAAG AAGAGGTGGT  180
 TGCTGCTCAT GTAGATCNAT AAATATGTGT NGTATGTCTT TTTNGCT                227
Name: 100                  Len:   452  Check:      17BA
 TGTATCTTTG ATGAGGTTAG TTTTGGTATT ACAGCAAATT TTTTTTCTTC TGACAAATCT   60
 GTGCTGTGTT TATATTAACT AAATCTTTAA AAATACGAAT CCTGAGCTAG AGTAAAAACA  120
 ACAATTTTGA CTAAAGAATA AATCCCTTCA TTGTTAAACC TAAACAGCTT TAAAATTCAG  180
 CCATGGAACA TAAGATAAGA CTGGAATTCA AACTTCTGAT GTCCATGGCA AACCTGAATA  240
 CTCTCAGCAG AAATAAAACA CACATAGTAG ATAATACACA ATAGTAAAAA GCATCAGAAA  300
 TTGATGCACC TGGATTTTGT TAAATACAAC AAAGGTCACT CAGTCCTTCA TGGATAAACC  360
 TAGCTGGGAG AATAGCACTG AACAGTGTAT TGCATTGAGC AGAAATCCCT CAGAAAGGCA  420
 ACACTGGATT CATTTTTAGA CAGGCATAGA CT                                452
Name: 101                  Len:   447  Check:       E33
 TTTTTCAATC CTGATAGTTC TTTATTTTTT CAAAATATAT TTGCCATGGG ATGCTAATTT   60
 GCAATAGGTG TCATAATGAG AATAACCCAA ACTGGATAAA TGTGACAAAT GATTGACAAA  120
 GCATTTCACA CCCTTCAATT ACACCACATC AAGAATGAGG GGAAAGCGTT GTAAAAGTAG  180
 ACTACTGCAA TGCTACTTAT ATTCTTGCAA TAAAACCAGC AAGCATCCAT ATCAAGAGAG  240
 TTATCATCTC ACTTCCAACT TTTTCCCCTC AAGAACAATT TGAATCTCTT TGGCATCCAA  300
 AGTCTCATAG GTCAATAAAG CTTCTGCGAG ATTCTTATGC TCCTTTGCAT GAGTTTTCAA  360
 GATATGTTTT GCTCGTTCAT ATGAGTCACT TAGAAGGATT CTTATTTCAT GTTCGATGGC  420
 AGATTGGGTT TCTGGACTTA GGTTTCC                                      447
Name: 102                  Len:   368  Check:      1FEC
 TTTTTTTCAA AAAAAGAAAT CTTTTAATAA AAATTACTCA TAAAAATCCT AATAAATTTT   60
 AAAGAGCAAG ATATTCCTTA TTACATTTAT AAAAGAACAT TTGGTCCTTT TACAAAAAGA  120
 TCCCTTTTAA TTTAAATACA TTTCTTATTT ACAGATTAAA CATAAAATAT CATCTACAGT  180
 TGCAAAGCAT ATTGCACATT ACAGAGAAGC ATTTGTGTAT TTCCGTAAGT TTTCCCAGAG  240
 TTTCCAACTC TATACTTTTT TTTGTAAAAA GATTTACCTT TCTTATGCAA AATAAATAAA  300
 AATGCAGCTT GTGTTTTGCT ATTTAAAACT AAAACAAAAT AACCTTTAAA AATATTATTC  360
 CTCTGCCT                                                          368
Name: 103                  Len:   685  Check:      1890
 TGGGATCTTT TTTTATTTTT ATACACATGA CAAGATTTTA CACCAATAGT CAGTTAAATA   60
 GTACAAATTT ACATTCAGGA GGAATGTTAA AAAAAATTCA ACTAAAAAAA CCACTTCTTC  120
 CTGTGACCCA TAATCCCAAC ATTTTACAGT GCAGGGGAGA AGGAGGCTTG GGGAAGCATC  180
 CAAAACAAGT CTCTCAAAAG AAATGACTTC AAAACTTCAC ATTCCCTCTC CACACGGGAT  240
 TCATAGCGAG AGTATAATTT ACAATTCATC CTTCTCTGTA GATTCCTTTT CTGTTTCCTC  300
 CTCTTCTTCT TCTGTCCCTG CATCCATCTC TTCTCCCTCA TCCTGCTCTG AGTCTTCTGC  360
 GTCTTCTGAG GTGTCTTCAA GGCTCTTCTT CTGGTTCTTC CTCCAACTGT GCTTCAGGGG  420
 CAAAGGTTAA ACTGAGGCGA AGATTCTTTC CAATCGAACT CCATACGCCT TGGTGTCCGG  480
 TAGAAGATAA CCTGACCCAA GTGTTGACGG TTTCAAACAA AACTACAGCA AGAACCATGA  540
 CTGTCCTGGC AACTTCAACG TCCTTAAATC GGCGGAAAAT GTCTCCGAAC AGGGGGGGGT  600
 CTGGAATGAG TTCGAACGTT TTCCTTAGAC CGGCATAGTA ATTTGTAGAG AAAGTCCTTG  660
 CCGGCCGGTA AGGCTGTGGC TTCAA                                        685
Name: 104                  Len:   676  Check:       EF6
 GCTCATTTTT AATTTTTATT GATTTTTTAA TGCTGCACAA CACAATATTT ATTTCATTTT   60
 GAATTTCATT TATTTCTTTA TTTCTGTTGC TGCTTTTATT TTATTTACTG AAAGTGAGAG  120
 GGAACTTTTG TGGCCTTTTT TTTCTTTTTC TTCTGTAGGC CGCCTTAAGC TTACTAAATT  180
 TGGAACATCT AAGCAAGCTG AAGGGAAGAG GGGTTTTTCA GAATCACTGG GGGAAAAAGG  240
 AAAGGTTGCG GTGTTGATCA TGCCCTATGG TGGGTGACCA ACTGCTTGTA CAATTACGTT  300
 TCACTCTTAA TTAATTGTGC TTAAGGCTGA ATTAAATTTG GGTGTTCCCT TCTTAGAGCA  360
 GCTCGTATTG GCGGAGATGC ATGCGCTGGA TGATGTCACG GCAGTCGTTG AAGACACGGC  420
 GGATGTTCTC AGTGTCCACG GCGCAGGTAA AGTGAGGGTA GCAGTAGTGG CGCCATCTCC  480
 ACTAGCAGTG CTGATTCTCA GAAACTCATC CCGAATGAAN GTACTTGGCC GGGTCACGCG  540
```

TGGGTCCTCT CCCGGCTCGG GAGTCGCATC CCTACAGAGT GTGTAGCGAG CGAACTCTGG 600
AAAGTAGTCC TCAATCTCGA TTTGCCACCG GGACTTCTCA GCAGCAGGTC TTGCTTGTGT 660
AGAAGAGATC ACAAGA 676

Name: 105 Len: 367 Check: 135E
GACGGGAACT GAACGCGGTT CTGGGAGCAG CAAGCCCACG GGTAGCAGCC GAGGCCCCAG 60
AATGGCCAAG TTTCTTTCCC AAGACCAAAT TAATGAGTAC AAGGAATGCT TCTCCCTGTA 120
TGACAAGCAG CAGAGGGGGA AGATAAAAGC CACCGACCTC ATGGTGGCCA TGAGGTGCCT 180
GGGGGCAGCC CGACGCCAGG GGAGGTGCAG CGGCACTGCA GACCCACGGG ATAGACGGAA 240
ATGGAGAGCT GGATTTCTCC ACTTTTCTGA CCATTATGCA CATGCAAATA AAACAAGAAG 300
ACCCAAAGAA AGAAATTCTT CTAGCCATGT TGATGGTGGA CAAGGAGAAG AAAGGTTACG 360
TCATGGC 367

Name: 106 Len: 440 Check: 1B8A
GGTGTGCCTG GATGAGTGGT AGCGTCGGAA ATGAGGAGCA GAGGCGCAAA TTTTGCCCAG 60
CGCTCTGTAC CATGGAGAAG TTTGCTTCCT ACTGCCTCAC TGAACCAGGA AGTGGGAGTG 120
ATGCTGCCTC TCTTCTGACC TCCGCTAAGA AACAGGGAGA TCATTACATC CTCAATGGCT 180
CCAAGGCCTT CATCAGTGGT GCTGGTGAGT CAGACATCTA TGTGGTCATG TGCCGAACAG 240
GAGGACCAGG CCCCAAGGCA TGCTCATGCA TAGTTGTTGA GAAGGGGACC CCTGGCCTCA 300
GCTTTGGCAA GAAGGAGAAA AAGGTGGGGT GGAACTCCCA GCCAACACGA GCTGTGATCT 360
TCGAAGACTG TGCTGTCCCT GTGGCCAACA GAATTGGGAG CGAGGGGCAG GGCTTCCTCA 420
TTGCCGTGAG AGGACTGAAC 440

Name: 107 Len: 442 Check: 19D2
GCACACCTGT AGTCCTAGCT ACTCAGGAGG CTGAGGTATG AGAATCGCTT GAACTTGGGA 60
GCCGGAGTTA CAGTGAGCCA AGATTGCGCC ACTGCACTCC AGCCTGGGCG ACAGAGCGAG 120
ACCCTGTCTC AAAAAAAAAA AAAAAGATGA TGTAAACTTC ACAGGGCAAG GTCTTGTTGT 180
TTGCTCACCT CTGGGTTATG CTCATAAAAC AAGCTTTTGC CCATGTACCC TAAGTCAGAC 240
CCAAGAATGG TGTCTACCAA TGATTGTCTC TTGCCACTTA CCGTACGCAT ACAGAAAGTG 300
CGTGTGGTAA TCGGCATACA CAAAGAAGTC GTCCCCTTTC TTGTGGTCCA GCACGGAATG 360
GCTGTTCTGG AAGTAATTTA ACACACTCAA AATGGTNGCG TTCGTGTTAT ACGGTGAAAG 420
AGGGGCCAAG CAGATGTCTT GA 442

Name: 108 Len: 453 Check: 6FD
GAGACTGCAT AGGGCTCGGC GTGGGGGGTA TTCTACTATT TTGTCAGTGC CCTGGGCATA 60
ACAGCAGGAG CTCATCGTCT GTGGAGCCAC CGCTCTTACA AAGCTCGGCT GCCCCTACGG 120
CTCTTTCTGA TCATTGCCAA CACAATGGCA TTCCAGAATG ATGTCTATGA ATGGGCTCGT 180
GACCACCGTG CCCACCACAA GTTTTCAGAA ACACATGCTG ATCCTCATAA TTCCCGACGT 240
GGCTTTTTCT TCTCTCACGT GGGTTGGCTG CTTGTGCGCA AACACCCAGC TGTCAAAGAG 300
AAGGGGAGTA CGCTAGACTT GTCTGACCTA GAAGCTGAGA AACTGGTGAT GTTCCAGAGG 360
AGGTACTACA AACCTGGCTT GCTGATGATG TGCTTCATCC TGCCCACGCT TGTGCCCTGG 420
TATTTCTGGG GTGAAACTTT TCAAAACAGT GTG 453

Name: 109 Len: 421 Check: 1318
TTTTTTTTGT GCAGAAACAT TCTGAACTAC AAAGCGGCCT ATTTTTGCTT CTGGATATGG 60
AACTCCTTGG GGATCAGAAT AGAAAGCTTC TAGCTCAAAA GGCCCCCTTC TCAGAAAGGT 120
GAGAACTTTG GAGAAAGGAG CAGCATGGTT TCGACTAAAG ACTTCATGAA CACCTTCAGT 180
ATCTTCTGAA TCATGGTTCC AGATCAGAGA TATTGGAAAA GGAACTGCAT CTGTGACGGA 240
AAATTCTCTA ACTTTAAATG CCGGGGAAAG TATTGCACAC TGTAATGCAC ATCCTCTGGC 300
TACTGCTTCA TCTGCATTGA GTGTTGTGCT AATATCTTTT CCAAAGAATT TGGCAATTCT 360
TTCCTTCACA GCTGGAATTC GTGTAGCGCC TCCATCAATC TCTACTGCAC TCACATCTTC 420
T 421

Name: 11 Len: 621 Check: 23BA
CAGGGAAAAA ATATGTTCGA TNCCCCTGGT AACTGTCTCC TTATCTGCAA ANTGACATCC 60
CAACGGATTG CATGCCCTCG GCCTACTGCA AAAGAATCAT CAACCTGGGG CCTGTGCATC 120
CCGGACCTCT GAGTCCAGAA CCCCAACCCA TGGGTGTCAG GGTTATCTGT GGACATTGCA 180
AGAATACTTT TCTGTGGACA GAGTTCACAG ACCGCACTTT GGCACGTTGT CCTCACTGCA 240
GGAAAGTGTC ATCTATTGGG CGCAGATACC CACGTAAGAG ATGTATCTGC TGCTTCTTGC 300
TTGGCTTGCT TTTGGCAGTC ACTGCCACTG GCCTTGCCTT TGNACATGGA AGCATGCACG 360
GCGATATGGA GGCATCTATG CAGCCTGGGC ATTTGTCATC CTGTTGGCTG TGCTGTGTTT 420
GGGCCGGGCT CTTTAATTGG GCCTGTATGA AGGTCCAGCC AACCTGGTCC AGAAATTCTC 480
CTGAAGCCTG ATGACCCACA GANCGGTGCC TTGGCCCCTC CCTGGTNGGG ANCAGTTACA 540
CTACGAAGGA AGCTGGGGTA GTTAAAGGGT CCGGGGCTTN TAAGAAGAAG CCAAGCAACT 600
TGCTTCCTTT CCCTGGGGAA A 621

Name: 110 Len: 309 Check: 1332
ATAAGAATGC CTGCTAGCAA GGGTTCCAGC AAGGTGGTTG GTTGGTCTGT AAGTCAGTCT 60
TGAGTACTTG AAACAGTTCT GTGTTTGTTT TTTTTCCTTA GCGTTTAGAA TAGCCATCAT 120
TGTCCTGCAA TAGGCAGAGC TATCACGTCC AGGAAAAATG AGGGAGGGAA CCACAGAGGC 180

3

AGCGTGAGAT CCAAATACAG CATTCAAAGG TAATTGGTCC AGTGGTGCCT GGGGAGGGAG 240
GAAGGGTGAT ACTCCAGGGT TAGCCGTCTT CTTTTGGGGG TGTGTACAGC CGTTTTTTTC 300
GTGGATCTG 309

Name: 111 Len: 489 Check: 9C2
CTACTACTAC TAAATTCGCG GCCGCGTCGA CGAAGAAGCA GGTATTTATT TTAATAAAGG 60
AATGGTTGGT ATTCTAGTTA ATCAAGTAAT TCTTTTATTA GCAAGGCAGA AACTAGTGTT 120
TTTCTATAAA CTTGAATGTT AATTGTACAG GTGTATTTTA CAATTTTTGT TTAATTAAAA 180
AAATGTTACT ATATTAATAA TCAACCTGGT CAAAACCTTT CAGGTTTCTT CGTTTGAGTC 240
AGTCGCCTTG ATTCAGAATG TCACGAGCCT TATGATATCA TGCTGAGGCG CCTTGCAAAT 300
CCGACAATTA AGATCCTCCT AGACCTTGAG GTGATCAGCA TAAGAGGCCA GATCCCCTCG 360
AGTCATCTAC ACCTAGCTTC ACCTTATTCT TTAAAGGGCA GAAAATTTGA GACGGTGATC 420
GCCGTAACAG TAAATTTGGC TTACAATTGG GGCACCCCTC CGGTTTAGAA AGAGGAACAC 480
CAGATTGAC 489

Name: 112 Len: 563 Check: 1430
GGACTCAGAA TTGATGAGAG ACATTTACAG CATGCACATT TTCCTTACTG AAAGGAAACT 60
CACTGTTGGA GATGTGTATA AGCTGTTGCT ACGATACTAC AATGAAGAAT GCAGAAACTG 120
TTCCACCCCT GGACCAGACA TCAAGCTTTA TCCATTCATA TACCATGCTG TCGAGTCCTG 180
TGCAGAGACC GCTGACCATT CAGGGCAAAG GACAGGGACC TGAGGAGCCG AGCGAATAGC 240
ATCTCCTCCC ACCTCCCACC AGAGACGTCC TGTTTGAGCT GTCAGGTGTA ATATATGAAT 300
TGACTTAAGT TAATATAAAT GTGTACATAA TCCACATTTG TAGTCAAGGA CGCAATCTCT 360
TCCACACATG TGCAGTTGTC AGTTGGTACA TCTAAACTCC CTCCATCCTG ACTCACGTGG 420
ACTTAGATAT GTTTTGTTTC TATTTTCTTC TATGTCAGTT TTTCATTCTT TGATGTTTAT 480
GTCTTTTGTC CATCAGATCT CTTGTGATAT CACATGGAAG GTTGTGCTCA GCCTGTCGGG 540
TCTCTTTCTT CCTGCACATA TAT 563

Name: 113 Len: 587 Check: 2109
TTTAGCCCTG TGGAATTATC CTCAATTGCA CATCAGCTGG ATGAGGAGGA GAGGATGAGA 60
ATGGCAGAAG GAGGAGTTAC TAGTGAAGAT TATCGCACGT TTTTACAGCA GCCTTCTGGA 120
AATATGGATG ACAGTGGTTT TTTCTCTATT CAGGTTATAA GCAATGCCTT GAAAGTTTGG 180
GGTTTAGAAC TAATCCTGTT CAACAGTCCA GAGTATCAGA GGCTCAGGAT CGATCCTATA 240
AATGAAAGAT CATTTATATG CAATTATAAG GAACACTGGT TTACAGTTAG AAAATTAGGA 300
AAACAGTGGT TTAACTTGAA TTCTCTCTTG ACGGGTCCAG AATTAATATC AGATACATAT 360
CTTGCACTTT TCTTGGCTCA ATTACAACAG GAAGGTTATT CTATATTTGT CGTTAAGGGT 420
GATCTGCCAG ATTGCGACGT GACCAACTCC TGCAGATGAT TAGGGTCAAC AGATGCATCG 480
ACCAAAACTT ATTGGAGAAG AATTAGCACA ACTAAAAGAG CAAAGAGTCC ATAAGACAGA 540
CCTGGAACGA GTGTTAGAAG CACATGATGG CTCAGGAATG TTAGACG 587

Name: 114 Len: 222 Check: 12B6
TTTTGAATCA AAATTAACAT CAATATATAG ATTCTAGTAT ATTCTTCTTA AAGCCTTTAG 60
AAAAGATAAA ATGACATTTT GCAACATATG CCAAACTTCA TGTTTAGTGT ACACTTCTAA 120
TTATTGGCAT AGAGGGATAT AACTGTTAAA TAACCTGAAA TGACACCATG CAATGGTGAA 180
ACTACAGAAG TTGGTGAAAA GAAGTATTTA CATAATGTAA TA 222

Name: 115 Len: 512 Check: 1EAB
TTTTTCTTGA TATGCATAGC TTTTCGGGGT TGGTATTAGA CATGGCTTTC GTAAATAATG 60
CAGGTGTTTT TGTCATGTGT CACTGCTGGC TCTGTGGCTT CCAGGTAAGC TGGCGGCAGT 120
ACCTTATCTG GTACCTCAAC AGGTGTTGGC TCTTCAGATG TTAGCTCGGT GGACGTGACA 180
TCGGTAGAAG GTTCTGCAGT TTCGGGGGAA TGTTCCGCCG ACAGTTCTGT CTCCTCTACA 240
TCTTTGACTT CAAACTGTCC ACCCTCTTGG TCATCTGCAT GCTCTTTTTT GGACTGCGGG 300
TGAACTGACA CCTTGATGGC AATTTGCTGA GGTTGCTCGT GCAGCGATGA GGCGTCCGAG 360
TCAGCGGCAG GGGAGTCGCT CCGCTTCAGA GAGTTGGGGA TTGTGTAGAC CTCATCCCTG 420
TCTGCGGCCT CCTGGCCTCT GGAGTATGCC TCAAAAATTC TGCCCCGGTC CTCCAGCCCA 480
ACCACCTCAT AATCTCCTCC ATGATAGTCC CG 512

Name: 116 Len: 566 Check: A72
TTTTTTTTTT GTTTTTTAAC CCCCCCCGAG AAGCTCTGTC CCCAGCTGAT GCCCATGTTG 60
GAAGAGGCTT TGCGGAGAGG AGCCCATACC AGCGCAAAGC TGANCTCCTG GTGCTGGCCG 120
TGCTGTCTGA CGGAGCTGGC GACCACATCA GGCAGAGACT GCTGCCCCCA CTGCTGCAGA 180
TTGTGTGCAA GGGCCTGGAG GACCCCTCGC AAGTTGTACG CAATGCTGCG CTGTTTGCCC 240
TGGGCCAGTT CTCAGAAAAC CTACAGCCCC ATATCAGCAG CTATTCAAGG GAGGTAATGC 300
CACTGCTCCT CGCCTACTTG AAGTCGGTGC CTCTTGGACA CACACACCAC CTAGCCAAGG 360
CCTGCTATGC CCTGGAGAAT TTTGTGGAGA ACCTAGGGCC CAAGGTGCAG CCCTACCTTC 420
CGGAGCTTAT GGAATGCATG CTGCAGCTTC TGAGGAACCC CAGCAGTCCC CGGGCCAAGG 480
AGCTGGCTGT GAGCGCCCTG GGAGCCATTG CTACGGCTGC CCAGGCCTCG CTGCTGCCCT 540
ACTTCCCTGC CATCATGGAG CACCTG 566

Name: 117 Len: 549 Check: 1602
CCCTGTGCAA TGTTTAGCTC TCACCCCACT CCCAAGTGCC ATAATTGAAA TAATACTGGT 60

TTGGAGAATT AGTACAGATT GGTCATAAAT GCCGCATAAA GTCCGTAGAT CCAGGTAAAG 120
GTATTTCCAA ATGGCGTAGT AATGCACTGC AGCTGCCGTG GCCACAAACA GGTGCCAGAT 180
GGCGTGGGCA AATGGAATGA TGCCATCACT CTTGAAGAAC ACAACTCCCA AGCAATAAAT 240
TAAGCCCCCA CAGGCAAGTT CCTGAAGTCC ATCGGTGTTG TTCATTGATG TCACCACCAA 300
GGCTGGAGAG AATCCCATTG TGAGATAGAA AAAGAGTTCA ACCACCTTAT ATTTTTCATG 360
GTAGAGAAAT ACATAAATGG TTCCTCCAGC TGCCATGAGC CAGATAAACC AACGCATATG 420
AGATGCCAGG GGTCCAAGTT CACGAAGATT TAACCATGGA GCATAAGAAG CAGCAATGAA 480
GAAATAGATA ACCATTCTAT CACACATGTG AAAACAATGC TCCACTGTCC TTAAGTGGCT 540
CTTTTTCCA 549

Name: 118 Len: 416 Check: 71A
CCGGGGCACA TAAATAGTAT GGCTTAGAAG AAGGCGTGGG TACAGATGTG CAGGAATGCT 60
AGGTGTGGTT GGTTGATGCC GATTGTAACT ATTATGAGTC CTAGTTGACT TGAAGCGGAG 120
AAGGCTACGA TTTTTTTTGA TGTCATTTTG TGTAAGGGCG CAGACTGCTG CGAACAGAGT 180
GGTGATAGCG CCTAAGCATA GTGTTAGAGT TTGGATTAGT GGGCTATTTT CTGCTAGGGG 240
GTGGAAGCGG ATGAGTAAGA AGATTCCTGC TACAACTATA GTGCTTGAGT GGAGTAGGGC 300
TGAGACTGGG GTGGGGCCTT CTATGGCTGA GGGGAGTCAG GGGTGGAGAC CTAATTGGGC 360
TGATTTTACT GCTGCTGCTA GGAAGAAGCC CAATAAGTGG GTGAGGCTTG GTTTAG 416

Name: 119 Len: 405 Check: 23A0
CGGGCCTTTA CCTGCGACGA CCTGTTCCGC TTCAACAACA TTAACTTGGA TCCACTTACA 60
GAAACTTATG GGATTCCTTT CTACCTACAA TACCTCGCCC ACTGGCCAGA GTATTTCATT 120
GTTGCAGAGG CACCTGGTGG AGAATTAATG GGTTATATTA TGGGTAAAGC AGAAGGCTCA 180
GTAGCTAGGG AAGAATGGCA CGGGCACGTC ACAGCTCTGT CTGTTGCCCC AGAATTTCGA 240
CGCCTTGGTT TGGCTGCTAA ACTTATGGAG TTACTAGAGG AGATTTCAGA AAGAAAGGGT 300
GGATTTTTTG TGGATCTCTT TGTAAGAGTA TCTAACCAAG TTGCAGTTAA CATGTACAAG 360
CAGTTGGGCT ACAGTGTATA TAGGACGGTC ATAGAGTACT ATTCG 405

Name: 12 Len: 409 Check: 8AB
CAGACGCTGC CCAAGGCTTT GTGGGCTGCG CACTCAGCTC CACCATCCAG CGCTTCTACA 60
AGAACGAGGG AGGTACATGG TCAGTGGAGA AGGTGATCCA GGTGCCCCCC AAGAAAGTGA 120
AGGGCTGGCT GCTGCCGAAA TGCCAGGCCT GATCACCGAC ATCCTGCTCT CCCTGGACGA 180
CCGCTTCCTC TACTTCAGCA ACTGGCTGCA TGGGGACCTG AGGCAGTATG ACATCTCTGA 240
CCCACAGAGA CCCCGCCTCA CAGGACAGCT CTTCCTCGGA GGCAGCATTG TTAAGGGAGG 300
CNCTGTGCAA GTGCTGAGGA CGAGGAACTA AAGTCCCAGC CAGAGCCCCT AGTGGTCAAG 360
GGAAAACGGG TGGNTGGAGG CCTCAGATGA TCCAGTCAGC CTGGATGGG 409

Name: 120 Len: 318 Check: 2662
CGGACGCAAG TACATCCAGA CAGACAGCGG CCCCTACTGT GTGCCCTGCT ATGACAATAC 60
CTTTGCCAAC ACCTGTGCTG AGTGCCAGCA GCTTATCGGG CATGACTCGA GGGAGCTGTT 120
CTATGAAGAC CGCCATTTCC ACGAGGGCTG CTTCCGCTGC TGCCGCTGCC AGCGCTCACT 180
AGCCGATGAA CCCTTCACCT GCCAGGACAG TGAGCTGCTC TGCAATGACT GCTACTGCAG 240
TGCGTTTTCC TCGCAGTGCT CCGCTTGTGG GGAGACTGTC ATGCCTGGGT CCCGGAAAGC 300
TGGAAATATG GAGGGCCA 318

Name: 121 Len: 460 Check: 2526
TTTAATCTAA GAATTTCTTT ATTTTATGCA TAATAAAAGG GACTACAAAG AACAGCTGAA 60
AAGCCAGAAG ACAAAGGAAC AAAAATAAAC AATGACGTGT ATTCCAACCC AAACAATGAG 120
AAATCTATGC AACTAGACTA TCAGTTCAAT CTATTTCCAG GTCGCTATCC TCACTGTGAC 180
ACGTGGCAGA GTTACGCACA GATGTCAGCA CCAAGACTTC CTTTTCTGGG AGTAATCCAA 240
ATTCCTGGAG AAAAGCTTCA AGGTCCACAG CAAAGAAATC ATCCCCCAGC TGGTCAGTAA 300
CACGAACAAA ATTGCCGATC AATTCACCCC CCTTATAGAT CAGCAGGGCA GGAAGGGCAT 360
TCCTGGTGAA CTGACTGCTG GCGCCAATAA CTGAGCTCTT CACCTTGCAG AACTTGACAG 420
CTGGGTACTC TGCGGCAAGG CAGATCATGC AACCATTCAT 460

Name: 122 Len: 672 Check: 13BD
ATAGAGCCTC ACAGCTGCCA GCTGTTCCCG GGCCCGGAAC GTCTGGGTCA GTGAGGTCCC 60
ATCTGGCAGC CTGACCTGTA TGCGACACTG GTCATACTCC CGCTTGGTGG GAGGCTCCTG 120
GCTGGGAGAA GAGGGAACAG GACCTGGCTC TGGTGCCACT GGGGGTGGCT GAGAGCCCAC 180
ACTGCCACCA TACTTCTTGG CTCTCTCTGC TTTGTCCCTC TCGATCTTTT CTCTAACTCT 240
TTGTCTGGCT GCTAACTCCT CGGCCTTTTC CCTCCGCCTC TCCTCAGCAG CCCGGCGCAT 300
CTCATCTTCC TGTAGCCGCT GTCGTGCTGC TGACAACTCT TGCCCTTGTC TCCTGCGCTG 360
CCGTTCCCCG TTCAATGCCT CCCGTTCCTC TCTTTCTTCA CGCTCCCGCT GCTTCTGGGG 420
CCACAGCTCC AACATCCCCT CTAGTTTGTT CCGTCTTTCC TCTTCACTCA AAGNGGGGTT 480
TGCCTTCTCC CGCAGCCAGA AACAGATTCT TCAAGGGCGC CTGGTCCTTG AGGAATTGGG 540
GTCCCGTCCC AAGATATGTC CAAGGGGAGG TTCAAAAGGG TCTTTCAAAA TCGGGTTGGT 600
CTTGGTCTTC AAAAAACCAT TCCATGAAAG CTTGAGTCCC CTGTTCCCTT GAAGGGCAAA 660
AACTTTCTCC GG 672

Name: 123 Len: 310 Check: D0

GCACGAGAAA TATCTGCCTA AGTGGGACCT GTGAAAACAC GAAAGGCTCA TTTATCTGCC 60
ACTGTGATAT GGGCTACTCC GGCAAAAAAG GAAAAACTGG CTGTACAGAC ATCAATGAAT 120
GTGAAATTGG AGCACACAAC TGTGGCAAAC ATGCTGTATG TACCAATACA GCAGGAAGCT 180
TCAAATGTAG CTGCAGTCCC GGGTGGATTG GAGATGGCAT TAAGTGCACT GATCTGGACG 240
AATGTTCCAA TGGAACCCAT ATGTGCAGCC AGCATGCAGA CTGCAAGAAT ACCATGGGAT 300
CTTACCGCTG 310

Name: 124 Len: 302 Check: 144A
GCAGAGCTGG ACCTCCAGAC CCGGATGAGT CTGCGGTCCT TCTGGAGGCC ATCGGGCAGT 60
GCACCAGAAC CGATTCATCC GGCAGAGCGG CANAGCAGCA GCAGCAACAA CAACGGAGTG 120
AAGAGCTGCT AGCAGAGAGA AAGCCTGGGC CTCTGGAGGC GGGAAGCGGA GACCCAGCCC 180
TGGGGAGATG CGGGATCAGA GCCCCAAGGG AAGAGAGTCA AGAGAAGAGA GACTAAGTCC 240
GAGGGAGACC AGAGAGAGGA GGCTGGGGAT AGGGGGAGCC CAAGAGTTGA GCCTGAGGCC 300
TC 302

Name: 125 Len: 811 Check: 1E88
TTTGAGGTTT GTAAGAATTT TTTAAACAAA ACAGAAATCA CAGTGACCAA GGGTAATGCG 60
AGTCTGTGTC TTCCTTGCCC ATGCTGCTCC CCACAGCTCT CGGTGGGTAC TAAATGACGC 120
GCCACTGCAT GATGCTTGTG TCTTTCCCGC CCGTGGAGAT GAGGTGGCTG TCTTCACAGA 180
GGAAATCGAC ATTGGTGACA TGGCTGCTGT GCCCGCCGTA GATGTGGCTT GGAGCCCTGA 240
ACTGCGAGCA GGGGTATGAG AAGAGGTGCA CTTTGCCAAA GTCGTCGCCT GTTGACAGGA 300
GTTTCTTCTC ATGGGCCCGA CAGACGGCAT TTATGTTGGT TCCGTCCGAG CCTTCTGGGC 360
ACACTCCAAA AAAATGGAAT CCCAAAGTGG AGGTATAGGT AGGCCATTCA ATGTCTCTTG 420
TAGTTTCCAC ACTTACGACT TGCTTACAGG CAGAGGGAAC CCAGTAGAGG ATTTCGTAGT 480
CTCCGGAATT TGACACGAGG AACTGTGAGT TTACAGACCA GTCCAGGTGA GTAATGAAGC 540
TGGAATGACC CGAGCACTTG CCCACTCGCG TGTACTTCCT CCCGTTTGTA CTAAAGGCAT 600
ATATATAGAT GCAGTTGTCC TGTGAGCCTA TGGTAAAGAA ATTTCCCATC TGGTGAGTAT 660
TGCATTACAG AGAAGCCGAC GGTTCCATCC TGTGTGAAGG GGGACCAAGT CTTTTGTTTT 720
TCGTGTTAAA AACAACCCAC CTCCCAGTTA GTGGTTCGAC TTCAACCCAC GACCCTTGAG 780
GGATGAAACC AAGAGAACTG GCCGGTTTCT C 811

Name: 126 Len: 456 Check: 11A
TTTTTTTTTT TAAAATACAA AAAACAGCTT TACTCAGACT TTTTGACTGC CATGTCCTCC 60
TTTAGAAGGA CTACAGTTTG GCTACTTGGT CTCTTCTGGG GCAGATGTGG CATCCTGAGG 120
TGTGTTAGCT TCTGCCGGTG CAGATACAGC TCCTACCACA GTAGGGGTGG TCTCAGATAA 180
AGCAGGGATG GCTTCTGGAG TGGAAGTGGC TCCTGTCTCA CTGGGGGTGG TGTCAGTTTG 240
AAAGGCTGGA GTTTCTTGAC GGCAGCTGGT GTCTGTTGGA CTGGGTATGA TGTCAGCTTG 300
AACAGTCATG GCCTCTTCTT CTGTTTCCAA TTCTGTTTCT TGATTTTGAA CTTCCTCACC 360
CTCTTCTACC ATAGCAGGTG GTAGTTGTAA TAAAGTCTGA TGATAATGAT GTGTAGTCTG 420
TATCAAATGC ATGTACATGT TGTATACAAA GTTTGC 456

Name: 127 Len: 292 Check: 281
TTCCGACTCT TTTCACATGT TTTTCGATAG CACTGCCATT TTGGCTGGAC TGGCAGCTTC 60
TGTTATTTCA AAATGGAGAG ATAATGATGC TTTCTCCTAT GGGTATGTTA GAGCGGAAGT 120
TCTGGCTGGC TTTGTCAATG GCCTATTTTT GATCTTCACT GCTTTTTTTA TTTTCTCAGA 180
AGGAGTTGAG AGAGCATTAG CCCCTCCAGA TGTCCACCAT GAGAGACTGC TTCTTGTTTC 240
CATTCTTGGG GTTGTGGTAA ACCTAATAGG AATATTTGTT TTCAAAAATG GA 292

Name: 128 Len: 433 Check: 51D
GTAATTTCAT AGTTATTTTA ATAACCAGGT TTACATTAAC AGTCACGTGA TGAACTTTTT 60
TCTTTAATGT CAGCTAAACT CAAAACACAG TTTTGTTCAC GGTTCAAACC AAACAGCTCT 120
TCACGTTCCA GAGCTGCCTC ACAGCTAGCA CAGNTCACAG GAGATTACTG TCTGTCCATA 180
CCCACCAGAC ACAGAACTGA ACACCCACAC ACCAGTTTTC AAAGAGGGAA CTTACAATGA 240
ATGCTGGCTG CCCAGGGCAC CCATGAGTGT ATCTGGGNCT CAAGCTGGAG TTTTCCAGGG 300
GAGAAAGCCT GGGAAGCTTG GTGGCAAGGA AGTTGGGNAT TGCCCACCCT ACTGGGAAAG 360
GGGTTTCTCA GGGGTTGAGT GAAAATCCCG GGTTAGGNGT CAGCCCTTTG TGGGAAACAT 420
GGGCACTTTC AGT 433

Name: 129 Len: 372 Check: 21BF
GATCCAGGAG CCACACAGCT GCCATGGTTC ANAAGGCCCT GGAAACCGAC CCAGGAGATG 60
CCGTGGTTGT CNCGCTTTGC GANTTGCTGA TTCTAACTAT NAAGCCATTT GTAAGGTACC 120
TCGAAAGGTG GCCAGAAGTA TCTCCTGCGG CCCTTCTAGC AGGTGGTCGA CCAGCATTTG 180
CACTGAAGAA CCAGCGTTGT CTGAGGTTGG GCCACCCGAC TTAGCAAGCA CAAAGGTACC 240
CCCAGATGGA GAAAGCATGG AGGAAGAGAC GCCTGGTTCC TCTGTGGGAA TCTTTGGATG 300
CAAGCTTCCA GGCTAGCCCT CCACAACAGG AAGATGAGGA GACTGAGAGA AGTGCAAAGG 360
AACTTGGAAA GT 372

Name: 13 Len: 439 Check: 1E33
TTCGGGTAAA TTGTAATTTT TTTATTGGAA AACAAATATA CAACTTGGAA TGGATTTTGA 60
GGCAAATTGT GCCATAAGCA GATTTTAAGT GGCTAAACAA AGTTTAAAAA GCAAGTAACA 120

ATAAAAGAAA ATGTTTCTGG TACAGGACCA GCAGTACAAA AAAATAGTGT ACGAGTACCT 180
GGATAATACA CCCGTTTTGC AATAGTGCAA CTTTTAAGTA CATATTGTTG ACTGTCCATA 240
GTCCACGCAG AGTTACAACT CCACACTTCA ACAACAACAT GCTGACAGTT CCTAAAGAAA 300
ACTACTTTAA AAAAGGCATA ACCCAGATGT TCCCTCATTT GACCAACTCC ATCTAAGTTT 360
AGATGTGCAG AAGGGCTTAG ATATATCCAG AGTAAGCCAC ATGCAACATG GTTACTTGAT 420
CAATTTTCTA AAATAAGGT 439

Name: 130 Len: 528 Check: 1041
GAGCGGAGCC GGAGCGGAAG CCGCAGCCGG GCGGCGGGAG CGGCGGGAGC GGGGGAAGCA 60
GGGCGGGCCG GGCTCCATGG CGCCAGCGGC GTCCGCCTGA NCAGCGCGGG CAACAGCGGC 120
GGCGTCGGCC GGATCGGGCC GCGACACCTC CTGGCCATGG GGGACGTGCT GTCCACGCAC 180
CTGGACGACG CCCGGCGCCA GCACATCGCA GAAAAAACCG GGAAGATCCT GACGGAGTTC 240
CTCCAGTTCT ATGAAGACCA GTATGGCGTG GCTCTCTTCA ACAGCATGCG CCATGAGATT 300
GAGGGCACGG GGCTGCCGCA GGCCCAGCTG CTCTGGCGCA AGGTGCCACT GGACGAGCGC 360
ATCGTCTTCT CGGGGAACCT CTTCCAGCAC CAGGAGGACA GTAAGAAGTG NAGAAACCGC 420
TTCAGCCTNT TGCCCCACAA CTACGGGCTG GTGCTCTACN AAAACAAAGC NGGTCTATGA 480
GCGGAGGTNC CACCACGAGC CGTCATCAAC AGTGCANGCT ACAAAATC 528

Name: 131 Len: 521 Check: 253E
AGAGGAAATT GATTAGCTAT GGTGTAAGTT TTCGGGAGAG TCATCTGAAT GTTGTTATAT 60
CCATAAGCAA TAGCTGCATC TTCTACAATA TCACATGCAT GGATAATGTC AGCTCTGGTT 120
GGAGGGATTT CAATCTCAAT CTGATTCCCA TCACCTATGA CTTCTGATTT TAAATACATC 180
CTGGTCAGAA GTTTGGCAAG ATTTTCTGGA GTTTCTCTGA TTCCAACTTT TTTGTTAATT 240
AGGTCAGCTC TCACCATCTC CTTTCGGTAA GCTAATTCTG GAAAGGTATG TGATTTTCCA 300
TTAGGAAAAA CCACTTCAGC AGCTTCGACC GTAAATTGAT TCTCACAATA TTCACTGAAC 360
ATGGTGACAA TAATATCAAG AACTATNTTT GCCTTAGTAA AGTCAGTTCC CGTGCATTCA 420
ATAAAAATAT TTCTAGTAIN TACTGTTATT CTGGAATGAT CCCCATTGAT GATGGGAGGC 480
ATTGAAAAGA CGACACCATT GCTATCATAG ATAACTGGAT A 521

Name: 132 Len: 429 Check: 19CF
GAGGGGGAGA CGGGGAGCAG ATGCCTCAAA GGGGGTCAAA GAGAGGGGAA GGAAATTGCA 60
CATAAATAAA CCGGATGATT CCAAATGCAA GGAGTCCTCA GAGCGGAGCG CGGACGGCTT 120
TTCCGGAGTC CTGGGTCTGC ATCTGGCGCC TTGGCCCCTG CTCACTCGCG CTCTCCTCCT 180
CCTCCTTCTC CTCCTCCTCA CTGCTTGAGC TCCAGGGCCC AGACGTGCTG CGGCCAGCCC 240
GTCCGGCCTT TGGTTTTCTT GTCGTTGCTG CTCACTGTGC TTTTCAAGAT TTCGTTCTGG 300
ACAGAGGAAA GGCGAGGGCG AGAAAAGTGG AAAGAGAAAT TCAGAGAGGA TACCTGGTTC 360
CACACCAACC CGGAGCTTCC TGCGCCGGAG GAGACAGTGA ACCAGAGAGG AAAGGATACG 420
ATGGGGGAG 429

Name: 133 Len: 442 Check: 5E9
TCAAACAATA ACTTGGTATT TTATACTTCT CTATACTTTG TAGCAAATCT TTTTTTGCTG 60
AATTTAATTT ATAATAAACT TTTTAAATTA CATCTCTCTC TCTTTTTTTT TTAAAATCAA 120
GGCTCTTTTA TGTCAAAATC TTTTTTTAGC TATATTTTAG ATTAACATTT AACATCCCCC 180
CCTTGTGATC TATACCGTTG GATATTCAGG TATTACTGTG TGTGTAACAG CTAAAACAAG 240
AGGGAGGAGG GAAAATAAAG GCAGTGAACT TGGACGGATG CATCAACAAC AGCAGATAAA 300
GCTAACCCCT CAGTGACCAT AGCAGCATGT CTTCTGGAAG CCTTTACTCT TACCCCAGAG 360
ATTTCCTCAG CCCCTTCCCT CTCTCCCTCC TATCCTCCAA ACACAAAGCC AACAGTCTGT 420
CCTTTCGCTT TTCTTGAGGA GA 442

Name: 134 Len: 913 Check: F1E
TTTTTTTCGA TTCCCTCTCA TTTATTCCTT GTGGAAAAAG AAAAACACAA ATCTTAAAAA 60
CTAAAGCAAG TCAGGGAAGC CTGGAAAGAT ACCCAGATTT GATAACATGT TAGAAGGAAA 120
TCCAGGCTAA GGAATCTCAT TTTCTAGCTT TGATCTGGTT GTCAGTTGGG ATGGACTTGC 180
CCAAGTGATG GCCCACAGAA AGGCCAAATT TCTTGTTTTT CTCCTCATCC TGTACCTCTT 240
TTTTCATTAA GAATCCTGCC TGGAAGTTTA GGTCAAAGAG GCTGCTTGGA GCAAAATACA 300
GTGGTGTCTC ATTCCCNNAA ATATTTTTCC TTCCCCCCCC CAGGCGTTTC TTCATCCTTC 360
AGGATTTGAA TTCGGGCGTC TGCTGGAGTG GCCCAATGCT ATATGTCAGT TGAGGTTCTA 420
AGACTTGGAA GCCACAGAAA TGCAGAATGC CACTCTGAAT TGGCCAGAGA ATGACATTCA 480
TGTCCCCGTG GATCCCTTGC AGAGAGTACA TGGAGCCACT GCCACCAGTG GTGATGGAAA 540
GCACTGCCTT CTTACTCCGG AAGGGTCCTT TGTCATACAT GGCAGCGTAA GTGTAAGCAA 600
ACTCTTCTAT GAACACTCGC TCAAACCAGC CTTTCAGAAT GGCAGGGACT CCCAAACCAC 660
TGCAGGGGGG ACTGGGATAT CACAAAGGTC TGCGGCTTTC CAGCTTCTTT TTGGTCAGCC 720
ACAAATATCT GGGCTCAGAT GGGCTTTCTT TATTAAGCAG AACAAGATTC GCAGGATACT 780
GGAAAGTCCC AGGGTCCTTT CAGTTTACTT GGAAGGGCCT TTTGGGAAAG AAGGGATGGA 840
AATTATGGGA TAAAGGGGCC GATTCCACAA CTTCCTTCCT TTTTTTTAAA GCCGGTGGGC 900
AAGCTCCTTA TGG 913

Name: 135 Len: 750 Check: 1FCD
TTTTTTTTTT TTGTCATTCA TAGTAAAAGT TTATTGAACA GAAAACCCAG CAAAGGTTTT 60

CACCTCCGCA AAGTTCCCCT TAGTTTAAAG TAAAGCACTG CATTTTAAAA AGCAATTATA 120
CATAAGTCTT TCCTAGAAAA GTCCTGCTAA AACATGTCTA GCAATTTCAT TGATTATATA 180
AAGTAGTACA CTTAGTGTAA TTTAAACATT CCAACAGGAA TCAAATCGTA CCAGCAGAAC 240
CACTTCTGCA TCTATGACTT CTATGTACAA ACACACATGC AGACACACAC ATTTGGAAAA 300
GTTCCTCAAG CATAGACATG CAACACCTAA GGCCTTCTAC GTACAGTGCT TATTAAACTA 360
CATAGAGTAT ATATTAAAGC TCTTCAGAAT AAAGACATGA GAAGCCTTGG GCATTNTTTG 420
TTCACCAATT TGTATCACGG CTTCACGTTT CTGCTTTTGC TTGCTCACAA AAGCATATCA 480
TCATCCACAC TGTTTTTTAA AAACTCATCA TTGCCATGTC CAGGAGAGGC AATCTAGCTG 540
GAGTCAGGTG ATCCAGTCCA TTCCTGTCAA AGCCTCCAAC AGCTACAGCA CAAACACCAT 600
CAGTNTGCGA TGGCTGGGGG GCCTTCTGGA AGAAGAGAGG CAAAGAAAGT CTTGAAGACA 660
AGCCATGCTG TGCTCATAAA GGAGGGGCTG GTCTGCTCGC CATCTAGTAC ATCCCTGTCT 720
TGGAGGGAGG TGGGTTGGGG TTTCCATTTC 750

Name: 136 Len: 348 Check: 26B
AAAACGACGG CCAGTGAATT GTAATACGAC TCACTATAGG GCGAATTGGG CCCTCTAGAT 60
GCATGCTCGA GCGGCCGCCA GTGTGATGGA TATCTGCAGA ATTCGGCTTT TGACACCAGA 120
CCAACTGGTA ATGGTAGCGA CTGGCGCTCA GCTGGAATTC CGGCTGGGAC TACCGGGTCT 180
CACTCCAGAA GAGGCTTCTT CAGAGCATGG TAGTCTTGGG GTTCTAAGAG AATGAGAGTA 240
GAAGCTGCAA AACCTCTTGA AACTGGGGCT TGGGAGTCAC ACATGACTTT CTCCACATTC 300
TGTTCGTCAA AAGCGAATCA TAAGGACAGC ACAGACTCAA GGGATAAG 348

Name: 137 Len: 505 Check: 1021
AAACGACGGC CAGTGAATTG TAATACGACT CACTATAGGG CGAATTGGGC CCTCTAGATG 60
CATGCTCGAG CGGCCGCCAG TGTGATGGAT ATCTGCAGAA TTCGGCTTTT KACACCAGAC 120
CAACTGGTAA TGGTAGCGAC CGGTTCTCAG CTGGAATTCC GGATTGGTCC AATTGGGTAT 180
GAGGAGTTCA GTTATATGTT TGGGATTTTT TAGGTAGTGG GTGTTGAGCT TGAACGCTTT 240
CTTAATTGGT GGCTGCTTTT AGGCCTACTA TGGGTGTTAA ATTTTTTACT CTCTCTACAA 300
GGTTTTTTCC TAGTGTCCAA AGAGCTGTTC CTCTCTTGGA CTAACAGTTA AATTTACAAG 360
GGGATTTAGA GGGTTCTGTG GGGCAAATTT AAAGTTGAAC TAAGATTCTA TCTTGGACAA 420
CCAGCTATCA CCAGGCTCGG TAGGTTTGTT GCCTCTWCCT ATAAATCTTC CCACTATTTT 480
TBTACATAGA CGGGTGTTCT CTTTT 505

Name: 138 Len: 513 Check: 117D
AGGGCCGAGT GGAGGTGCTG GTGGAGAGAA ACGGGTCCCT TGTGTGGGGG ATGGTGTGTG 60
GCCAAAACTG GGGCATCGTG GAGGCCATGG TGGTCTGCCG CCAGCTGGGC CTGGGATTCG 120
CCAGCAACGC CTTCCAGGAG ACCTGGTATT GGCACGGAGA TGTCAACAGC AACAAAGTGG 180
TCATGAGTGG AGTGAAGTGC TCGGGAACGG AGCTGTCCCT GGCGCACTGC CGCCACGACG 240
GGGAGGACGT GGCCTGCCCC CAGGGCGGAG TGCAGTACGG GGCCGGAGTT GCCTGCTCAG 300
AAACCGCCCC TGACCTGGTC CTCAATGCGG AGATGGTGCA GCAGACCACC TACCTGGAGG 360
ACCGGCCCAT GTTCCTGCTG CAGTGTGCCA TGGAGGAGAA CTGCCTCTCG GCCTCAGCCG 420
CGCAGACTGA CCCCACCACG GGCTACCGCC GGCTCCTGCG CTTCTCCTCC CAGATCCACA 480
ACAATGGCCA GTCCGACTTC CGGCCCAAGA ACG 513

Name: 139 Len: 340 Check: E2C
TTTTTTTTTT TTTTTGAAAT GAGTAAATTT ATAGCTTTAT TTGCATACAG AAAAGTGCAT 60
GAGAAAATAA GTATGTACAA AACAGTTGTG TGGCTGATCA TGACTTTCAA AAATTCAACT 120
ACCTAGAAAT AGTTACCTCC AGTTTAGCAC ATTTAGGTAT TTGGACATTT AAAGTACTAT 180
TTCAAGTCTG TGTTTATAGT GACTGAGTAG GAAGCTGATA GAAAATTATG CCATATATGA 240
TCAACTATTA CCATTAAACA TAAAACCACA GGACTTTCTA CTTGGGGCTA ATCAATAGAG 300
GGTCATGTGG CCCCTGTCTT GTTTAGCTTC TGAGCATCAC 340

Name: 14 Len: 486 Check: 1FA
GCTAGGAAGA TAGTTGTTAC ATACTGAAGT AGGTTATTAA ATAAAGTAAT GAAATATCTT 60
TGAACATATA TATAAATAGG ACAGGCTTAT ATTCTAACTA GTTTGCGGTG TTTTCAGCTA 120
ACTCTATCAC ACCTAACCAT CTGTGTAAGA CTTGATGCAT TTTATATCAT TTTTAGGCTG 180
GGCTAGGAAA CAACAAAATC ACAGATATCG AAAATGGGAG TCTTGCTAAC ATACCACGTG 240
TGAGAGAAAT ACATTTGGAA AACAATAAAC TAAAAAAAAT CCCTTCAGGA TTACCAGAGT 300
TGAAATACCT CCAGGTAAAA CATTCTACTT GTGTTCAGTA GNTATTGGGT ATTTTTCCTT 360
CAGGTTTTTA ATAACACACT TTAGGCACAC CTCAAGCAAA GGACCAAGTA AGGCAGCAAG 420
GGGTGGATTC AAACATAATG ACTCTCCAGG TTGCATGAGG TGTTTTAAGA AGTAGGAGAG 480
CTTTAN 486

Name: 140 Len: 334 Check: 1A0F
GGCCTTTTGG TTCCAGAAAA ATAGAGGGGA TCTCTGTGGA GCCTCTTTGG TTTTTCATCA 60
ATTCTGGGGC TATTAAAACT AGCCATTCAT CTAACGAGGG CCAAAGCAAT TCCAGAGGCT 120
TGAACACCTG GCTTTTTGGA GTTTTATTCC CATTGTAGCC CATATCAATT CCATTACTGG 180
GGGAGGATGG ACCAATTCGA AAGACGTGAC AAAACATTCT CACAATCCTT AAAAGGCTCT 240
TCATTTGAGC ATCATAATTG CTAGAGAGGC TAAGCAGTTT ATGACCATTT GTTCTAGCAA 300
CTTCAGCAAG GCTTGTTAGA ATCTTTAGGT ACTG 334

Name: 141 Len: 497 Check: 1A2F
TTTAAGGTTA CACGATTATT TATTGAGAGC CTCCTCTCCC CGCCCTTGCA ATCTCTAGGT 60
CACTTTCTCC GCTTGTAGAT TTTGCGCGCA AGCCCCAGAA AGACGGCTGG GGGCAGGGGT 120
GCTGCGTACT GTTCAATGAG AGCCATAATG TGGCTGTAAC TGTCTTCCTC ATATTGCAAG 180
AACACTGCTG GCAGATCCAG CTCCTCATAT AGCGCCTTCA CCCGGGCCAC TTTCTCAGCC 240
TCCTTCTGCC CGTAATTTTC CTTCAGGATC TGGTACTGTT CTGGAGTGGC CCGTTGCAGA 300
CACTGAACCA CCAGCCAGCT GCATTTGTTG TCCTGGATGT CAGTGCCAAT TTTGCCGGTC 360
ACACTGGGGT CCCCAAAGAG GTCAAGGTAA TCATCCTGAA TCTGAAAGAA CTCCCCCATC 420
TCCAGCAGGA TCTTCTTGGC ATTGGCGTGC TCCTTCTCGC CATCAATTCC TGCCATGTAC 480
ATGGCTGCAG CTATAGG 497

Name: 142 Len: 353 Check: 1801
TTTTTTTTTT TTTTAGAGAT TGTTGTGACT TTTATTCAAT TTGAAATCCG GATTAAAATA 60
AAAGCAGTGA GAGCAAAGCT TTACAAATAT TACATTACTA CGTCATTGAT ATGGCTTTTA 120
CACTGATTGG ATACAGGAAA AAAAAAAACC TAACATTAGA ATTAAGGCAG TAACAACATG 180
TGCAAACCCA GCACACCCCC TGACAGTCTT CAGTAGAAAA CTACTCTGGT CAGGTGGTAT 240
CTGACATGGC TGCATGCAGG TCTCATTGCA TGGAAGGATA GGTCCTGAAG AGCTTCATTC 300
CTTAAAGGGG AAAAGGACCC TTCTCACTGG CCAACGATGG CCAGGAGCAG CTT 353

Name: 143 Len: 559 Check: 225B
ATGCTTCACA CTTGGTTTGC TTATATTGAT CATTTAAAAA GAGATATTAA TCTTACCTAT 60
TGCCATGAAT ATTTCATTTA CATTCATTGA TGTTTTAGCG GATGTCTCCA TGAATAATAA 120
ACTATTGTCA TCTGCATAGG ACTGTGCTTC CTGGAAATCT ACTGCTCTTT TATTTGCTAG 180
GTCGGCCTTG TTTCCCGATA AAGCTATTAC AATGTTAGGA CTTGCTTGCC TCTGAAGTCC 240
TTTAACCCAA TTTTTTGCTC TTGCAAAGGA CTCCTCATTT GTGATATCAT ATACAACTAT 300
GGCTGCTTGT GCTCCTCTGT AGTACATTGG TGCTAGGCTA TGGTATCGTT CTTGACCAGC 360
TGTATCCCAT ATTTCAAACT TTACTGTAGT GTCATCAAGA CATACAGTTT GGGTTAGAAA 420
AGCAGCCCCA ATGGTACTCT CTTGAAATCA TGACATTGGC TTTCACAAAA CAAGCACTAG 480
GCTTGATTTG CAACAGCGGA CTCTCCCAGA GTACTAGTTT GAACTGCATA TNTATTTCCA 540
GTATTGGCCC CGTGGGTCT 559

Name: 144 Len: 572 Check: D1C
TTTTTTTTCC TTTTAAATGC TTCTTTTATT TCATTGGTTG TACATTGGGT GAGTGAACTG 60
AATATTACAA CCAAAACATA GTATTGATAC AAATTAGACT CCTGTTTACA CTGTAAGGTA 120
ATGAATGAGG GAATTCTTTA AGTGTTACAG AAAGATTTAG TAGAAATGTT ACCAGTGGTA 180
TGGCTGAAAG AATATTTCGG TGAAGTGCTG TTATATCCTG AAAACCAAGA GTGAAATGTA 240
GTTCCCATAC AAGTGGAGAG TTAGTCTCTT AACTACAGTA TTTGTTGAAC TGATATCTTC 300
ATGTCTTGGA TATTGGTGAT TTTTGTTTTT TAATTAAACA AAGCATTTAA GATTTATTCA 360
TCATAGTCAG ACTTCTGAAT ATAAACAAAC TTTTGGCAAA TAATATTTAT ACAGAAAAAT 420
AGTTTTAGAT CCTCTCAAAT CCCAGAATTA TTCTATAAAA TTACATTATA AATAAATAAA 480
AAGCAAAATC TGTTGTACAT ATATTTGTAC ATCTATGCAT TTGCCTTGCC TCCTCCTTAT 540
TGTAAATGGC ATATTTATGA CTCTTTGCAT AT 572

Name: 145 Len: 402 Check: 1D03
TTTTTTTTTT TTTTTTGTCT TAAGGAAGTT TTTTGGCATT CTTTTTTTTT TTAGATTACA 60
ACACACATAC AATAAGTGAA TTTTATCAAA ATACAGCACA TTTCTTCTAC TATATCCATA 120
AAAATCAATT CCTATGTAAA TAGTACTGAA AATCAACTAA AATGAGTTAA AATTTACAAA 180
GAGTTGTTAA AGGGTTTCAA TCAAAATTAT TAAAACTATA CAGTACAATA ACCAATTGAT 240
AACATCTTGA AAGAAGTGCA ATATTTGAGT TCACATATTT TTAAAAGTGC TGCCTACTTA 300
CTCTGACTAG CAAGAATGGA AAGTGAGTCC AACTCACTTT TGCAAAAATA ATGTTGGTTG 360
GTGTTTTAAG CTAGTCTTAT AAAAGTCTTA ATTAAAATCA AG 402

Name: 146 Len: 482 Check: 28
AGTAGAAACA AAGTATGTTT AATGGTTGCT TTGGAAAGGG GAAGTGGGCA CCTCATGCCA 60
GGGAGATTTA AAAATGAGAC TTTTCAAGCA AGCACTGCCT ATAGCATAGT CTCATATTTT 120
GAAAATTTAA ACCTAATTTT AATTATATAT AAAGAACTAT TTTAAAAAAT CACACCCACA 180
AGTAAAAAAC TGGTAATCTG TTTACAAAGT GCAGCGTCAG TACAGCAAAC TCATCTCAAC 240
AAAAGATTAT GTGTGGTTTC TCGGGCTTTA AAACTCCCCT GGTTTCCATT TAAATGCTTT 300
AACATTGAGT CATCCTGCAT ACATGAAAAG CCTGTGTAAT GAAGCCTGGG TCCTTTAACA 360
CCTGCTATTA ATTAATTCCA ACATAAGTGA GTATGAGACC TGNGAAGTAA ATTGTCATCA 420
TCTGATTGAT GAGGTACAGA TTATCTGAAT AAAATTTCTG ACCTGGTTAT GAGTCAGTAA 480
TC 482

Name: 147 Len: 489 Check: 149E
TTTTTTTTAA CATTCCTAAG TTTCTTTATT CTTCATAGTT TTCTAATGAA CAAATAGTTA 60
GTTTTCCTGA GTAAGATTAT AAAAAAGTTA ACCATTCTTC CAAAAGTATA AAGACAAATA 120
AAATGTCGAC TCATAATACA AATTTTTTAC ATAGCATTAA AGGTGCAGAT ATTGACTGCC 180
CCTCTTCATT ATGATTGGCC CACCCCTTAA AAAGACTGCA ACAGAGGATT CAATTGTCTA 240
AAATACTTCG AAGTACAGAA ATTAAATGCT TTAGCCCATA AACATATCCC TCATCTATTG 300

9

TGTTGCTAGG GAACACATGA GCAAAATCTA TCATTCGCAC TTCTACTTCA GCAATCTCTT 360
GGCAACCAGT GGGAAGATGG TAGAAAACTT TNTCCAGTTG GGAAAGTACA TTTCCATTTA 420
AATGTTCCTG TGACATGCTT TTCCACCCAT TGTCTTGCTC CAGATTTTCA ACTTTCAATG 480
AAGTCTGAC 489

Name: 148 Len: 372 Check: DA7
TTTCACCTTT TAATTTTATA TTATTTGCGT CATACATTTC CTGTAACGGA AGTGTTAATT 60
TTACTGTACT TTTTGGTACC TTTTGGGAAT CTAATGTATT GTAAGGTATT TTACACGTGT 120
CCTGATTTTG CCACAACCTG GATATTGAAG CTATCCAAGC TTTTGAAATA AAATTTAAAA 180
ACCCCCAAGC CTGGGTGAGT GTGGGATATG CTGTGTGAGA CCTCTTCTGC NNCANGCTCT 240
GAGGCGNGGG GGGGNGNNNC CNNNNNCCCT NNACTTTTNC CTTCTTCTGC NNCANGCTCT 300
TCCAGCTTGA GGCCCAGTTG GGGGGTATCC TTTAAGGACT GCCTTGCCTA GGGCTGGGCC 360
CCCCTTTCAA GA 372

Name: 149 Len: 491 Check: CA
GTTTTTAAAA CAAGCAAATT TTATTAAAGG AAAATTTTGC AGGTTTAAGG TTTGCAGGTG 60
AAATTTTGTA GGTGAAAAGG TTTACTTTTC ACCAGTCTGT TCTGGCATGC TTCTAATGAT 120
GTCAGAGTCA CCTGGATCAA TGATAGCCAG TGTGCACACT CTGTAGTATT TTCCGCATGC 180
TGTGCCCAGT TCAATATTAT TGCCACTGTA GTGATGGACA CCAGTTTTAG CCAACATAGC 240
ATAGTACTCT ATTTCAGATT TCCTCAAAGC TGGGCAGTTG TTAGCGAGAA TGACCAATTT 300
CGCTTTGCCT TGTCTGATCA TCTTCAGAGT CTGCTTGTAC CCCAGGACGT ACTTCCCACT 360
TTTCATAACG AGTTGGAGCC TAGAGTTGAT CGACTCCAGC GACTTTTTCG TCTTCTTTGC 420
GGCCACCATC TTCCTGCCTT AGGAGCGGGA CGGCCCCCAA CCTAGAAGAG ACAGAGAACA 480
GGACAGGAAT T 491

Name: 15 Len: 601 Check: 1356
CGACAACTGT GCTGACAACC CATGTTCTTG CAGCCAGTCT CACTGTTGTA CACGATGGTC 60
AGCCATGGGT GTCATGTCCC TCTTTTTGCC TTGTTTATGG TGTTACCTTC CAGCCAAGGG 120
TTGCCTTAAA TTGTGCCAGG GGTGTTATGA CCGGGTTAAC AGGCCTGGTT GCCGCTGTAA 180
AAACTCAAAC ACAGTTTGCT GCAAAGTTCC CACTGTCCCC CCTAGGAACT TTGAAAAACC 240
AACATAGCAT CATTAATCAG GAATATTACA GTAATGAGGA TTTTTTCTGT CTTTTTTTAA 300
TACACATATG CAACCAACTA AACAGTTATA ATCTTGGCAC TGTTAATAGA AAGTTGGGAT 360
AGTCTTTGCT GTTTGCGGTG AAATGCTTTT TGTCCATGTG CCGTTTTAAC TGGATATGCT 420
TGTTAGAACT CCAGCTAATG GAGCTCAAAG TATGAGATAC AGAACTTGGG TGANCCATGT 480
ANTGCATAAG CTAAAGCAAC ACAGACACTC CTANGCAAAG TTTTTGGTTG GTGAATAGTA 540
CCTTGCAAAA CTTGTAAATT AGCAGATGAC TTTTTTCCAT GGGTTTCNCC AGAGAGAATG 600
T 601

Name: 150 Len: 455 Check: 254B
CATGTTTAAT TTATTATTAT TGCAAAAGAA CAGTTTTTCT CATGATTAGT GAAATAGAAA 60
ACTCACAATA TACTTAAGAG TCTGCAACAA GTTACATAGA ATCAGAGGCA CTTCAAAGGC 120
TTAAAAAGAC GTTTACAACT TAAATGCATT TTTAAGAACA AAAACTGATT TTTCTTTAAA 180
CCTCTACTCG TACCTTCAAA TTGCAAGAAA TTAACAAATA CAGTGGCCAA AGGAATCTGC 240
AGCAACTTCT TAAAATACTG TTAACATCTT TGGGTTTGCT GAGGCTTGTC AGTAACTTAC 300
ATCAAATCCT CCCAAAAGAA GATCTGATTA GATAGATATG ACTAAACGGT TTTGTAGTAA 360
TAATCCAATT TTACACATTA ATTTGCTGTT GCAAATCTGC CCAAAGCTAC AGGTAATGAA 420
AAATAAAGCA AGTGTAAAAT GGATAGTCTG ACACT 455

Name: 151 Len: 465 Check: B98
AGCTTGTCGA CGCTGTCGCA GGGGTGGATC CTGAGCTGCC GAAGCCGCCG TCCTGCTCTC 60
CCGCGTGGGC TTCTCTAATT CCATTGTTTT TTTTAGATTC TCTCGGGCCT AGCCGTCCTT 120
GGAACCCGAT ATTCGGGCTG GGCGGTTCCG CGGCCTGGGC CTAGGGGCTT AACAGTAGCA 180
ACAGAAGCGG CGGCGGCGGC AGCAGCAGCA GCAGCAGCAG CAATCTCTTC CCGAACACGA 240
GCACCACAGG CGCCCGAAGG CCGGAACAGG CGTTTAGAGA AAATGGCAGA CGATATTGAT 300
ATTGAAGCAA TGCTTGAGGC TCCTTACAAG AAGGTGAGAA AAAACATGTC GGTGAGGTTT 360
ATATATTTCT TAATTTAGCA TTATTCACGA AACTACTGCT GAAATGTAAA CTAACCTTCC 420
CGGAGCCCTC TTGATTTATC CTATTAGAGA TGCCTTACCT TGTAC 465

Name: 152 Len: 386 Check: 1BC9
TCCTTCTTAG TTTTCTTCCC AAATGGTTCC TCAGCCCCAG TGCTGGGCCC TGAAATAGGC 60
CCAGCTCCCT GTATAGTTCC CACAGAGCTG GCCACACCAT AAGTCAGGGG CAAACTGGAA 120
CTGTGGGAAG GAGCTGCAGC CTGTACTTCC CCTTCAGTTA GAGCCTGAAG CTGGAGGAGC 180
TTCTTTAGCA AGTACCTTCT TTCTTCTTTT GCTTTAAGAA ATTTTTCCTC AAGACGAGCA 240
ATTTCATCAC AAATAGCAGC ATTTTCAAAC ACCGTGGCCT TGGCCGCTTT GCGCAGCCGC 300
AGGTACTTCA GCCGGTACTT CTCATTCTGG CTCTTCTTCG GGAGCTTTTT CATCCTGGCC 360
TTGCTGGACT GCANCGGAGC CCGCGG 386

Name: 153 Len: 601 Check: DA2
TTTTTTTATT GGCTTGGTTT TTATTTCTAT GCTTATAAAA AAAATATGAA GCTTCTTTGT 60
GTGGACTGAA GGGGTGTTAG CCTGTGGATG TTGGTCTTCG GTGCCTGTAC CCCAGTGGCT 120

10

GTTTACATTC CAGGCCCCTG CTAAATAAAG CAGGCTCCAC TGCCAGCTGT CTGTACACTT 180
TTTCTTGGGG GAAGAGTTCT TGTCTTCAGT TTACTGCAGT AGGGTTCCTG GCTCTGTTAC 240
ATGCTCATGT GTTCCGGAAG AACATATGAA ATATCATCCC ACGGATGACG ATACAGCCCC 300
TGCTTCAGCC TCTTCTGATC AAGATAGTGT CCAATGAACC CCATACTCCT TCCCAGCACA 360
AAGATGCCAT TGAGGGCTCC AATGTCAATA TATTCATCAG CTTCCTCCCG AGTAAAGGAC 420
CCACAGTTTC TAAGCATGTC TACAAATGCG ACTCCGATGA GACCATCTAC ATTCAGGATA 480
AGATTTGGCT TCTTCGAGGT GTAATCTTCT CTACTTCCAG TGCATAAATC GAGCAGAGAG 540
TGGCCANCGA GTGCTGCCCT GCGTAATCTT TTGAGATCTG CACTCGCATG TTCTGGGTGT 600
T 601

Name: 154 Len: 340 Check: 21AF
GCGTTTTCAT ACTCTTTATT GCCAACGGTT TAAAATGGTC AACATAAAAA AAAAAGACAT 60
TTTGATAATA AATACTGCTC TTTGGGCTGT AATAAATAAA AAGTTTATTA ACAAGGAATG 120
CACTTTTCCA GCCACAAGTA TCTTCAAAAA TTAATGAAAA AAAATTATAT ATGGCCATAG 180
TTCACAGTTA CGCAGCCAAA AGCTGCTCCA ATTACAGCCT TTAAACAACA TGGGAGCTTC 240
CTCCCTTCTC CCTCCCCTTC AGGAAGTATA TTCACAGTTC CAAAGTCCTC TGGCTGAAAT 300
GCTCTCAACA GAGAGAATTT AAGAATCAAT GCACCTTTCT 340

Name: 155 Len: 759 Check: 21E2
CCTGGTCCTA CTTTCCCCTC CTCATCTTCC TTTTTCTCAC TGTCTGACTT TTCCTCACTG 60
TCGGACTTCT GTTGCTTTTT GGTTTCAGAC TTCTCATCTT TCTTTAAGTC TGCTTTTGGT 120
CCTTTGTATT CATGTGTGTA CAGAGGCCTG AAGGAGTCAA TGAAGCCCAC ATCAGCAGTC 180
AGATTTGGCA AGAACCAAAA GTGGTGCCTT CCTCCAGTTA TGAGCCAAAT GATGAGAAAT 240
AGAATGCATC GAGCAACAGC AAGGAGAAGA ATACTGGCTA CAAAACAGCC TGCACCCACA 300
CTGAGGTAAT AAACACCTAC TCTCATTTCT GCTGGCCAAA GGGGGAAGAG GGTGGCCGCT 360
ATTACTGCAA TCACAAGAAT TAATCCCATG ACAAATGTTT TAAAGTGAAC TGGGTCATAG 420
ATCCATACAT ACACCTCATT TCCATCCAGA AAAACCTGAT CATCATGTGG CTAAGTTTGA 480
ATTTTTTCTA GTTTCCTTCT TTTNTAGAGT TCCCTGAGTT TCCTCCTTTT TGATTCTTCT 540
TTTCACCATC TTTTNTTTCT CTTTTTCTTT TTTTGGCTCT CATCCCTTAT ATTTNCTTCT 600
TGCTCTTTTA TCNTCTCTTT TCACTNTCAG CTTTCCCTTA TCTTTTTCTT TCCTATGCTT 660
ATCATATTCA TTCCATACTT TAGGGGGCTG TGAAAAACTG CTCTAAAAAC TCTGTGAGTC 720
ACCACAANNT CCCCTGTGAA TAAGTNCTCT CTTCTGCTT 759

Name: 156 Len: 703 Check: 24F3
TTTTTGAGAA TACACAGGGA GCTTTATTAT ACAAAATGGC GGGGTGGGGG GCGGCAAGCA 60
GCGGATGGCA TCAAAGAGGC GAGGGTAGGT CATGCTGGCA ACAGGAAGCA ACTTCTTAGC 120
CAGGGCCGGG GGGCGGGTGT CTGGCTGGAA TCTCCCCTGG GTACATGGAG GGTGCCAGCC 180
GGCTGGACCT GCAGACCCAG GAAGCGAGAT GGGACGCCTA GGGAGCCGGG CCCCCTTCCA 240
CAAGCACCTT CTCATACTTC CCATGCCCGG TGGCCACAAA CTTATACCTC TTCCCAGATG 300
GGGTGCTCTT AATTGTTGAT GAGGTCTTGG AGCCTCCCTT CTGCTCCCAG AGGCTTTTCT 360
TGCTCATGTC TCCAGCCACA ATATCCTTGC AGGACGGAGT CTTGGCCGCA GACTGAGCCT 420
GTACCTCACC CGTCTCCCAC CGACTCTTGG TACTGGCCAC AGCCATGCTG GGCAGCTCTA 480
TGGAGGCCTG GCNGGGCTAG CTTGGGGTCC GGCCCAGCGT CTCGAATGGC CTGGTGTATT 540
GTTCCAGCCA CTGATCAATC CTGGAGATGG GCAAGTCTTG CCTGGATTTC TTCACACTGG 600
TACTCTTCTT TATTGGAGCG TTTAGGGGAC TCGTCCTGTC NATGAAGTTG GTGTNGGCTC 660
CAGGGAAGCG AGCTCTGGTC GATGTCCCTT CAAAACCAAG GGG 703

Name: 157 Len: 757 Check: D7F
CTTGGTGTGT CCGCTTTAGA AGGTCAAACT TCTCGTGAAG CTCTTTCTCT GCCTCCTTAA 60
GTTCAGCTTC TTTCTCCTTC ACTCTCATAA CAAACATTTG TCTCATTTCT TCTTCTTTCT 120
TCTGCAGTTC TCCCAGGAAT TCATTCCTTT TTGCTTCATA TGTCTCCTGA AGACTGAAGG 180
GTTTGCTGTC AGGGTCAGTG TCCTTGAACC CCATCTCTTC AAGCTTACAG CGTCGGTACA 240
ATTCATAGTG GCGGGTGTGA GTCTGCTCTC GCAAGTCCTC CATGTTCACG CGGATCAGCA 300
TCTCTCGAAG TTTCACAAAA TCGCAATGAT TTTCATTCTC AACCTGCACC ACACCCCAGG 360
GGTACTGCCT GGCCTTTGCC ATCTTGTTGC CAATCTTCAC CTCTTCGGTG CTGCCAACCA 420
CTGCAAATGG GAGATGGACA CTCATTGTTG CGTTAATCTC TGCCACCGTT TCTTCATCAG 480
TGGGAAACTG ATATATCTGG ACCCCATTGC TGACCAGTTC ACTCATGATC TTACTCTTGA 540
ATNTGTGCAG TTCATTCTTG GCAATGTGTC AGCTTTTGCA AATATTGGGA ATGATGTCAC 600
CTTACTGTCC AGCTTTTTCA TGGTGACCAG ATCCCAGGGA CCTTAGTGAN TGTCAGTANG 660
GGGCAATAAG TAGAGGCAAG GCATGAATCC TCGTGTCATG GTAGTTTGAG AAGAGACCGT 720
TAAATCTCAT TTTNCTCTGC NGTANGCCCT CGAACTG 757

Name: 158 Len: 455 Check: E81
GGAAGTAAAA AAACCTGTTT CAGGCTTCAT TTATTGCTAC ATAATGACTA CTTCAAGGGT 60
CATCTGGCCC GTCGTCAGTC ACTCTTAGAA GTGGTAAATA CAGTGGTATA GTTTGGAAGG 120
AAAGGAGGAA AAAAATAATG CATTGTGATA CAAAAATATT ACCTACATAT AAATTATTAA 180
AGATTTATAA AACATTCAGA ATATGTTCTT GCTATAAAAA CAATATACTT AAATATAGAA 240
GCAAAAAGTC CTGAAGCACC CGCAATTATT TTAATATCCA TTTAATCAGG GAAAACTATA 300

11

TATGTGGATA TATAATACAT ACATATGTAA TAATTTGAGA AGAAAAAAGG CAAAATTCTG 360
ATTATAATCC AAAAAGAGTT TATCTAATTA TGGAGGTAGG TCTCCACTCC AATTATACAA 420
ATAAGTTATC AGTTTTATTC AAAGAATTAT AAGTC 455

Name: 159 Len: 486 Check: E17
TGGTTTTCTT CAGCCGCAGT CTTGTCTGCT CTGAAGAAAA TTCTTGCACT GCTCAGTGAG 60
AAATACAGCA ATTCAAATTC CTGTAGATAG ACATCCAGTC GCTTCTGAGT GAGATTCATG 120
GTTTGTAAGA GTTTTTCATC TTGACTGGCT GACTGTACAT TCTGTTGCTT AGCAACTGCT 180
CTTATCTCCT TCAGGTATTT CTCTCTAACA GACTGGAACC AGTGAAGTGA ATCAAACTCC 240
CGATACTGAT CCAAAAGCTT TAGAATGTAA GCCACACCCA TGGCAAAGCC ATCATCAGTA 300
AAGGCAGCTC CAATTTTATT TTTTTTATTT AATTTTTCCT TGCAACTAAT GGAATGCTCT 360
ACAAAGTTGA GGGTCAGAGG GGGAACAATT ATATAGAAAT TTCGGAGATG TATATTCTTT 420
GGCCTTCGAA ATTCTGGAGC AAAAACGTCT ACAAGCATTT TGAAATATTC TGTGCCTTCG 480
GCAGAA 486

Name: 16 Len: 511 Check: AC8
AGAGGATCGC CAAGGCCGTG AACGAGAAGT CCTGCAACTG CCTCCTGCTC AAAGTCAACC 60
AGATTGGCTC CGTGACCGAG TCTCTTCAGG CGTGCAAGCT GGCCCAGGCC AATGGTTGGG 120
GCGTCATGGT GTCTCATCGT TCGGGGGAGA CTGAAGATAC CTTCATCGCT GACCTGGTTG 180
TGGGGCTGTG CACTGGGCAG ATCAAGACTG GTGCCCCTTG CCGATCTGAG CGCTTGGCCA 240
AGTACAACCA GCTCCTCAGA ATTGAAGAGG AGCNGGGCAG CAAGGCTAAG TTTGCCGGCA 300
GAACTTCAGA AACCCCTTGG CCAAGTAAGC TGTGGGCAGTCG AGGCCCCGAC CAACACTTNC 420
GGCTACACAG ACCCCTCCCC TCGTGTCAGT CAGGCAGTCG AGGCCCCGAC CAACACTTNC 420
AGGGGTCCTG CTAGTTAGCG CCCACCGCCG TTGAGTTCGT ACCGTTCTTA GAATNTACAG 480
AAGCCAANTC CTTGGAGCCT GTTGCANTCT A 511

Name: 160 Len: 638 Check: 251
GGGGCTCCTC TTCACTTTCT TTATCTTCAT CATCTGAAGA CTCTTCCTTG TTTTTCTTTT 60
CATCTTCATC ACTACTAGAT TCATCTGACA GAATTTCAGG ACATTTGGTT CGCTTAGCCT 120
TACTTGCCAT TCCAGAACTG TTCCGGTCCT TTTTACTGCC TTTGCTACAA GACTTTTTAA 180
ATTTCGGCAA TGGTTTGCCA GAACGCTTTG GATGCATTAA GAAATTCAAG ATCCTCTTCA 240
CTAGTTCACT ATTTACACCT GATCTCTCCA AATCAAGAAC CTCACAGATG CTCTTTAACA 300
TGGCATTTCT AAACTTTTTC AACATTTCTT CCTTCTTTTT ATATTGGACA CTTCCTTTTT 360
CAAATGGAAA GCCACTGAAC TGACCCACAT TCTTCTTTAA TGAGGACACA CAGCCTGGCC 420
TGTTGTAAAG CACTTTGTGT ACATATCTAA GATCATCCGT TTTCTTCTTA CTTAGAAAAA 480
CATGTATGCT CTCAATTTCA CAAAGCGTCT GCCGCTTTCC TTGCTGCATT GTAAATTGCT 540
CTCTCTGCAG GGAGAGACGT GCATTGGCAC CTCTCTACTT TTTCTTTTCC CTCTTGCCTT 600
CCCGAAAGAA CCTTTTTTTT TCTTCCTCCT CTTCTCTC 638

Name: 161 Len: 845 Check: 445
GAATTCGGCA CGAGCCTGTC TGGAGGAGTG GTAGTGAGTG CTATATTCTT CATTTTGTCT 60
GCCAATATCT TATCATCTCC CTCTAAGAGA GGACAAAAAG GTACCCTTAT TGGATATTCT 120
CCTGAAGGAA CACCTCTTTA TAACTTCATG GGTGATGCTT TTCAGCATAG CTCTCAATCG 180
ATCCCTAGGT TTATTAAGGA ATCACTAAAA CAAATTCTTG AGGAGAGTGA CTCTAGGCAG 240
ATCTTTTACT TCTTGTGCTT GAATCTGCTT TTTACCTTTG TGGAATTATT CTATGGCGTG 300
CTGACCAATA GTCTGGGCCT GATCTCGGAT GGATTCCACA TGCTTTTTGA CTGCTCTGCT 360
TNAGTCATGG GACTTTTTGC TGCCCTGATG AGTAGGTGGA AAGCCACTCG GATTTTCNCC 420
AAGGGTACGG CCGAATAAAA ATTCTGTCTG GATTTATNAA TGGGCCTTTT TCCAAANAGN 480
AAANAGCGGT TTTTGGGGTT ANGGGAGNCA AGNGGCAAGA TGGATTGGAN CCCCCAGGAA 540
TTAAGGCNNC CCACANNGNA AACACCCAGN NCCANTTGGN GGGNGNNNAA NNAAACCCTN 600
ANTGGGACCN GGGNCCTTNA NCCAAGGCCC AAGNCANGCC CAGGGGGGCT CCNCAAGGGG 660
AGNNGCANCN AAANNGGGNC AAAGGNCTTT CAAACNCANN GGNGGGGNCA AGGGACCCNG 720
GGGGNGGGGC AACCNCGGGG TNNGGGGGGG GNGNAAAACN CAAAANNGGG GGGNATCCCA 780
AAAGGTTGGG AAAAACCNTG GNAAAANGGG GGNNCGNNCC AAAGGCCNAA AAANGNGTGG 840
GGGGC 845

Name: 162 Len: 496 Check: 176A
TGTAATACCT CCTCATCTTT TCTTCTTACA CAGTGTCTGA GAACATTTAC ATTATAGATA 60
AGTAGTACAT GGTGGATAAC TTCTACTTTT AGGAGGACTA CTCTCTTCTG ACAGTCCTAG 120
ACTGGTCTTC TACACTAAGA CACCATGAAG GAGTATGTGC TCCTATTATT CCTGGCTTTG 180
TGCTCTGCCA AACCCTTCTT TAGCCCTTCA CACATCGCAC TGAAGAATAT GATGCTGAAG 240
GATATGGAAG ACACAGATGA TGATGATGAT GATGATGATG ATGATGATGA TGATGATGAT 300
GAGGACAACT CTCTTTTTCC AACAAGAGAG CCAAGAAGCC ATTTTTTTTC CATTTGATCT 360
GTTTCCAATG TGTCCATTTG GATGTCAGTG CTATTCACGA GTTGTACATT GCTCAGATTT 420
AGGTTTGACC TCAGTCCCAA CCAACATTCC ATTTGATACT CGAATGCTTG ATCTTCAAAA 480
CAATAAAATT AAGGAA 496

Name: 163 Len: 491 Check: 21BF
TAAGGATTAA AAACGATTTT AATTATACAC ATATGGTCAC AATTTTGCCT TAAAAAGATT 60

12

GTTGGGAAAT GTACATAAGG CCGCTTGTAA ATGTACATCG TGTTACTGTT ATGTCTTATG 120
TCCAGAGGAA AAAATGTTAT CATACAGATT TGCTCTTACT TGGGAGTAGG CTATTCAAAA 180
ATACAGTACT CTTCTGTACA AAGAAAAAAG TCACATCACA TTTAATAAGA TGAAAAAAGC 240
ATTGGCCTCC ATGGTAACCA AATATCTCAG TCCAATACTT TCTATTATGC ACAATACCCT 300
GACTTCAATT GAAAGTGATC CAAATTCTAG CAGGTCCATA TTAACAGTCA ACAACTATGT 360
TATAAAACAA AATGATCTCA CAATAATAAA AAGAAAGCTG GTTCATACTT CTGAAACCAT 420
ATAAAGATAA AAAATTTTTA AAAAATCACT CTCGATTTGG AGAAATAAAT TTACATTATA 480
CAACACTATA T 491

Name: 164 Len: 457 Check: 1639
TTTTTCTGTT TATGACACTT TATTGATGCT GGGGGGGTGG GGAGGAGACC TGGAGAAATA 60
TGTGGGGGCA AGAGTCCCCA GGTGGGGACA GGGAAAGTGT TGAAGCCTGG CCACTACTGG 120
GCAGGGAAGA CAGAGTTGCC ACTGTATGCA CAGGGGATGA GCAGCTGCCG GTACTCCAGG 180
GGCAGGTGCC GCTCCACTAG CACGTGCAGT GAGACTTGGT CAGTGACCAG GCCCTGCCGC 240
CGCATCAGCA GCTCCAGGTC CTCTGGCTTC ACAGTCTTGC GGCCAGCATG AGCAGCAAAT 300
ACCTCCAGAT CATCACAAAG ATGCTGGAAA TATTTATCTA GGCACTTCTC CACCATCTCA 360
AGAGCCTTCC TCTCCATGGG CATCTTGGCA TAGAAGCTAA AGAGTTTCAC ATAGTGGCTC 420
AGTCCAGCCT TGTGGGGATC TTGCCGGNGC CTGNGGC 457

Name: 165 Len: 477 Check: 17AD
TTTTTTTTTT TTTTAGTTTT CTTCCCAAAT GGTTCCTCAG CCCCAGTGCT GGGCCCCTGAA 60
ATAGGCCCAG CTCCCTGTAT AGTTCCCACA GAGCTGGCCA CACCATAAGT CAGGGGCAAA 120
CTGGAACTGT GGGAAGGAGC TGCAGCCTGT ACTTCCCCTT CAGTTAGAGC CTGAAGCTGG 180
AGGAGCTTCT TTAGCAAGTA CCTTCTTTCT TCTTTTGCTT TAAGAAATTT TTCCTCAAGA 240
CGAGCAATTT CATCACAAAT AGCAGCATTT TCAAACACCG TGGCCTTGGC CGCTTTGCGC 300
AGCCGCAGGT ACTTCAGCCG GTACTTCTCA TTCTGGCTCT TCTTCGGGAG CTTTTTCATC 360
CTGGCCTTGC TGGACTGCAG CGGAGCCCGC GGCGAGGAAG CGAGGCCGTC CAGCAGGCTC 420
ATGGTCCAGC CCCGCTACGG GGGCCCCAGG ACGCTGCCGG CATCGGATCC TAAGTCG 477

Name: 166 Len: 468 Check: 19A4
GAGAAGACGA CAGAAGGGGC TACTGCGGCA GAACCAGAGG GCCCTGAACC GTGCCATGCG 60
GGAGCTGGAC CGCGAGCGAC AGAAACTAGA GACCCAGGAG AAGAAAATCA TTGCAGACAT 120
TAAGAAGATG GCCAAGCAAG GCCAGATGGA TGCTGTTCGC ATCATGGCAA AAGACTTGGT 180
GCGCACCCGG CGCTATGTGC GCAAGTTTGT ATTGATGCGG GCCAACATCC AGGCTGTGTC 240
CCTCAAGATC CAGACACTCA AGTCCAACAA CTCGATGGCA CAAGCCATGA AGGGTGTCAC 300
CAAGGCCATG GGCACCATGA ACAGACAGCT GAAGTTGCCC CAGATCCAGA AGATCATGAT 360
GGAGTTTGAG CGGCAGGCAG AGATCATGGA TATGAAGGAG GAGATGATGA ATGATGCCAT 420
TGATGATGCC ATGGGTGATG AGGAAGATGA AGAGGAGAGT GATGCTGT 468

Name: 167 Len: 399 Check: BC8
TTTTTTTTTC TTAGGTTTAT AATCAGCATC ATCCTCATCT CGAGGTCTCT TTAATGGCTT 60
TATATCCTCT TTAGGAGGAA CAAAATAGCC ATCATCTTCA GGTTCATCTT TAATTTGTGG 120
TGGACTAGAG AAGCCATTTT CCTTCTCCTT CTTTATTTTT GCATCCCCAG AGGCTCGAAC 180
CTTTTCCTCT TTTCGTTTTT CCTTGTCTCT GTCTTTATGT TTGTCTTTAT GCTTTTCTGA 240
GCTTCCATCT TTGTGTTTGG TCTTCTCCTT CTCTTTGTGT TTCTTTTCAG AATCTTTATG 300
TTCACTGTTG CTATGCTTGG ACTTTTCCCG GNCCTTCTCC TTTCTGGGTT CTTTTGNGCC 360
GNGGTCTCGA TCCTTTGGTT ATTTTTGTGT TATGAGAAT 399

Name: 168 Len: 557 Check: F21
GAGCCCAAGC GCCTTCTCCG CACCAGGGAA GCCCCACCCA CCAGAAGCCA AGATGTCCAG 60
CAAGCGGGCC AAAGCCAAGA CCACCAAGAA GCGGCCACAG CGGGCCACAT CCAATGTCTT 120
CGCAATGTTT GACCAGTCCC AGATCCAGGA GTTTAAGGAG GCTTTCAACA TGATTGACCA 180
GAACCGTGAT GGCTTCATTG ACAAGGAGGA CCTGCACGAC ATGCTGGCCT CGCTGGGGAA 240
GAACCCCACA GACGAATACC TGGAGGGCAT GATGAGCGAG GCCCCGGGGC CCATCAACTT 300
CACCATGTTC CTCACCATGT TTGGGGAGAA GCTGAACGGC ACGGACCCCG AGGATGTGAT 360
TCGCAACGCC TTTGCCTGCT TCGACGAGGA AGCCTCAGGT TTCATCCATG AGGACCACCT 420
CCGGGAGCTG CTCACCACCA TGGGTGACCG CTTCACAGAT GAGGAAGTGG ACGAGATGTA 480
CCGGGAGGCA CCCATTGATA AGAAAGGCAA CTTCAACTAC GTGGAGTTCA CCCGCATCCT 540
CAAACATGGC GCCAAGG 557

Name: 169 Len: 564 Check: 163
ACGACTTGGC CATGCTGAAA CAGATGAACA ATTACAGAAT ATTATATCTA AATTCCTTCC 60
TCCTGTTTTG CTCAAACTCT CTAGCACCCA AGAAGGAGTA CGTAAAAAGG TAATGGAACT 120
GCTGGTCCAT CTGAATAAAC GTATAAAAAG CCGCCCCAAA ATACAACTTC CAGTAGAGAC 180
ACTGTTGGTT CAGTACCAGG ACCCTGCTGC AGTTTCCTTT GTCACAAATT TTACTATAAT 240
TTATGTTAAA ATGGGCTATC CTCGCCTACC AGTGGAAAAA CAATGTGAAC TGGCCCCTAC 300
GCTTCTTACT GCCATGGAAG GGAAGCCTCA GCCACAGCAG GATAGCTTAA TGCATCTTTT 360
AATACCAACC CTTTTTCACA TGAAATACCC TGTTGAATCA TCAAAATCAG CTTCTCCATT 420
TAATCTTGCT GAGAAACCAA AGACTGTGCA GCTGCTTTTG GACTTCATGC TAGATGTCCT 480

13

TCTGATGCCT TATGGTTACG TGTTAAATGA ATCCCAGAGT CGCCAAAATT CATCTTCAGC 540
ACAGGGTTCT TCTTTCAACA GTGG 564

Name: 17 Len: 338 Check: 14BF
CAATGCTTGA AGTATAAAAA GCTGAGAGTG TTCTCGGGCA GGGAGTCTCC AGAACCAGGA 60
GAAGAAGAAT TTGGACGCTG GATGTTTCAT ACTACTCAGA TGATAAAGGC GTGGCAGGTG 120
CAGATGTAGA GAAGAGAAGG CGATTGCTAG AGAGCCTTCG AGGCCCAGCA CTTGATGTTA 180
TTCCGTGTCC TCAAGATAAA CAATCCTTTA ATTACTGTCC GATGAATGTC TGCAGGCTCT 240
TGAGGAGGTA TTTGGGGTTA CAGATAATCC TAGGGAGTTG CAGGTCAAAT ATCTAACCAC 300
NTTACCAGAA GGATGAGGAA AAGTTGTCGG CNTATGTC 338

Name: 170 Len: 457 Check: A6C
GATTGTATGG TGGGGTGGTG ACCTATTTTT ACAAATTATA CCTAATGAGT AAAATTAGTG 60
TAAAGTGATA ACATGCTTCT ACCTGTATTT CTAGTGACCC TTTAGCGGCA GGTATTTATA 120
CCTGGTATTT ATGATGCAGT ATATAAGTGG TGAACAATAA CTGACAGTAT TGTGCTTGCT 180
GTACATGTCT GGTCTTTTGA AACAGATTTT AGTAAGCATT TTCCAGAGGT AAAACTGTGT 240
CCTTATTCTA ATTTTATTCC TAGGGCAAAG TAGACAGGGA TTATTTCCTT GAATCTATTT 300
CCAAATTAAT ATTTTTTTCT TTGGTATTTC TACACTTTAA GGCCATTTGG TGCAATTTAG 360
AAAGTGTTGG CCTCCCTTCC GCTAGCCACA TTCANAATTA ACTTCCAAAA CCTCAGGAAC 420
AGTACAAAGA ATTGAAACCC TCAATATGGC AGCACAG 457

Name: 171 Len: 527 Check: 703
TTTTTTTTTT GATGGATACT AAGGGAGTAT TTTACTGAAA AAAATAGAAA ACTACATTTT 60
TACACGAAAT AAACTTATGT CTGCAATACT CAGCCTTAAA TTCACCCCTC ACTTCAGAAG 120
AGGTCCCAGG GGCAGGAATA ACACGCACAG ATTGTTTGTT CACGACTTCC AGCCGGTCCA 180
CCAGACCTCT GGCCAGGTAA TACTGTACAA AGTGCTTCCA CGTGATTTCT CTTCCAGGAT 240
CTCGAAAATA GAGGTAGAAA AATCCCATGG CAACGCCTGC CCCCAAAAGG GCCAGACTGC 300
GGAAATCCTC GTCATCCCAG GGGAAGTCCC CCCTTCTGCA TCCGCCTCCA CCAGGCAACG 360
TTATCCTGCT TCCCTCCTCT CCTGCCTCCG TCTCCTCCAG ACTCAGCATT CTCTAGTTCA 420
CCAGTCTCTT TGGGTGGTTT TGAACACAGC CACCAGGAAA ATAACGTCGG TCTTGCCTGC 480
AGAGTCAGCT TCTGAACGTG GATCCCCTGG AAGCACTGGA ACAGGAG 527

Name: 172 Len: 546 Check: 101E
CGGCACGAGG GACAACGCAG CCTGATAAAC AAGTGGACGA CTTTTCTTAA GGCCAGACTG 60
ATTTGCTCAA TTCCTGGAAG TGATGGGGCA GATACTTACT TTGATGAGCT TCAAGATATT 120
TATTTACTCC CCACAAGAGA TGAAAGAAAT CCTGTAGTAT ATGGAGTCTT TACTACAACC 180
AGCTCCATCT TCAAAGGCTC TGCTGTTTGT GTGTATAGCA TGGCTGACAT CAGAGCAGTT 240
TTTAATGGTC CATATGCTCA TAAGGAAAGT GCAGACCATC GTTGGGTGCA GTATGATGGG 300
AGAATTCCTT ATCCACGGCC TGGTACATGT CCAAGCAAAA CCTATGACCC ACTGATTAAG 360
TCCACCCGAG ATTTTCCAGA TGATGTCATC AGTTTCATAA AGCGGCACTC TGTGATGTAT 420
AAGTCCGTAT ACCCAGTTGC AGGAGGACCA ACGTTCAAGA GAATCAATGT GGATTACAGA 480
CTGACACAGA TAGTGGTGGA TCATGTCATT GCAGAAGATG GCCAGTACGA TGTAATGTTT 540
CTTGGA 546

Name: 173 Len: 710 Check: 316
CTCTTCTTCT ATCTGGGCTT TCTTTTGAGC TCTTCTTTGT TTATTACGTA GCTTCTTTAG 60
CTCTTTGTCA GACATGTTTG CTGTATCAGC TTCGTGTTCT TCATTCTCAT CTGTAAGGGG 120
GTTGTCATGA AGCTTCAAAT AGATCTCTAT AGCAATTCTT GCTGCCTTGA AGTAAAATGG 180
ATGCTGTCGA AGTACATCTT CTAGTTTTAA TAAGTCCACA TATGATCTAA GGGTAATCTT 240
CCTCATACAG TATGTATGAA AGTCAAACTG GTCATCAGTG ATTTCTATAA AATGTCTCTC 300
AATCTCATGA CATTTCTTAA GTGCTTCACC AAATTTATTC ATTGCTTTAT AAGCCTGGGC 360
ACATTCTGTT TGGAACCACA TGCACTGCAT TTCATTCAAA TTCTCTACCG CTGATGTTCC 420
TTCCCTTGTA AACTTTGAGC ACATTTCTTC AGCTTCTTTA ATCAGGTTGG CTTTTAGCAT 480
GTATTTTGCA CATTTGGAGT TGATAAATCT GTCTGCTGTG TCCAAGGCCT GNGCCTCATC 540
CATCCACCTT GCAGCTTCTT TAATATTTCC AGCATGCTTA TAGATTTTAG CTNTCACGAG 600
AAAGANGTCT ATTAATGTAG TGTACTNTCA ATAGCAGTAT TTATGTACTC CANAGCANTA 660
GATGGCTGAC CAATTTTGTC ATAATGGTGT GCCAAGTAGT ACTTGACCCA 710

Name: 174 Len: 409 Check: 6EF
GGCACGAGCA TTACTACATG TCCACAGGAA GTACAAAAGC CATCTTCATT TGAACGTAAA 60
TACAATAATC CTGAAATTCT TAGCACCAAG TATTACTTTT AAAAGTAAAG ACAACCGAGT 120
GCTCTCCCCA CATATTGTTG ACTTCCTTCT ACTCACACTG CATGTCATTT GAGATTTTAA 180
AAAGTTAGCT GCCACAGTTT TGGAAAATGC CAGTGTTTAA AAATAATTGT GTTAAAGAAT 240
CAAAAGTTTA GCGTAACAGA TTTTGAGTAC TTCAAACCAT TCAATGTTAC AAAGAAAAGT 300
GAAAATACCA TTCTTTGGTC TAGATTAGCT GTTCCCTTTA CATTAATTTA ACATTCCGAT 360
GGCTTTTTGA AAACTTTAAA AATGTTGAAA CTCACTAGAC AAAACAAAA 409

Name: 175 Len: 410 Check: 152D
GGCACGAGCT TTGCAGGGAA TGAATACTGG ATCTACTCAG CCAGCACCCT GGAGCGAGGG 60
TACCCCAAGC CACTGACCAG CCTGGGACTG CCCCCTGATG TCCAGCGAGT GGATGCCGCC 120

TTTAACTGGA GCAAAAACAA GAAGACATAC ATCTTTGCTG GAGACAAATT CTGGAGATAC 180
AATGAGGTGA AGAAGAAAAT GGATCCTGGC TTCCCCAAGC TCATCGCAGA TGCCTGGAAT 240
GCCATCCCCG ATAACCTGGA TGCCGTCGTG GACCTGCAGG GCGGCGGTCA CAGCTACTTC 300
TTCAAGGGTG CCTATTACCT GAAGCTGGAG AACCAAAGTC TGAAGAGCGT GAAGTTTGGA 360
AGCATCAAAT CCGACTGGCT AGGCTGCTGA GCTGGCCCTG GCTCCCACAG 410

Name: 176 Len: 473 Check: 26B9

TTTTITTTTT TTTTTTTTAC AAAGGAAAAC AAAGCTACTT TTGGTTTTGG CAACATTAAA 60
AAAGAAAGAA ATATAAAAAG CAATGTGGCA TTGGTCCCTA TTCATTAAAA AAAAAGGGTA 120
CTTGGGCACG ACACAATCAG AATTAGTTTG TTTTCTAAAA TTCAGAGTAT CTGGGATTTT 180
AAAAGTAGCA CTTTTTAAAA AGTTCAACAA GTCACATAAC ACTTAAAACA TCAAAAAAGC 240
TTTCTGATAA AAAGCTCAGC TTTTAAATCA CGTTTTGTTT CTGCAAATTT GGGAGACAAA 300
TTGAGTTCTT ACTGGAATGT GGCCTATCGC TGGTTGACAA ATCTGAAATG GAATGTCTCC 360
AAATGGCAGT GCCTCCCTTT CCGCCCTCCC TAGGACCACA CCAATAACCA GCTCCCAAGC 420
ACAAGTTCTT GCTCCCATTT TTTCTGTAGG GGTGGGGGTG GGACCTTCAG GCT 473

Name: 177 Len: 423 Check: F88

TTTTTTTTTT TTTTTTTTTA CAAAGCTTTC TGTAAATATT TTATTTTCCA TATTTTAGAG 60
TCAGAAAGAA GCGCTTGGTA ATAAAAATAA TAGAGAATTA TTTTCTTCAA GCCCGCTCTG 120
CGCTGCGCCG GCCTCCCCGC GCCCGGGCCC ACGGCTGAGT GCGCGGCGTC AGAGGCCCCA 180
AGTCCATCTC ACTATTTACA GATATGTTAC AGGCCGGGAT GGTCACAGAG GAAAGCCCAG 240
CTCTCAGCAT GGCCCCACGT GGTGAGGAGC CCCCAGGCTC CTCCCGGCTG TCTCGGACAG 300
AGACTGAGAA GCCTGCCGCG TCCCGTGGGG GCCTAGGCTG CGGCGGGCTC CACGGGGGGG 360
CAGGAGTGGG CCGTGATGTC GCTGTGCTTG TACGCCGCCT CGTCCAGGTC CAGCAGCCTC 420
CGG 423

Name: 178 Len: 304 Check: 1952

TCAGGTTCAA GTGCTGGATT GTGTCATGTG ACCATCCCAA AACTCAGAGC ACCCTATGGC 60
CGTCTTTGCC CTCTGTCACA TAACTTGAAA ACTGCCTGAT GGCCTTTTTG CAGTGGTTCC 120
CTCCAGGAAG CCTTGATCTC AGTTGAAGAA GTTCTTTCCT GGCATTCCAA TGCCCCTGTC 180
AGCTCCATAC TCCTCAGACA CCCTTAACAA AGGCTGTCAT GCACACAATG TGACAAATAC 240
ACAAAATAAA TGATAATTAC ACTAATAATG ATATGTTCAG AGGGGCACTG GCCAGGTCCA 300
CACA 304

Name: 179 Len: 541 Check: 1295

GGGGCAAAGA AAAATGTGAA GGATTCGAAC TGCACTTCTG GAGAAAAATA TGTCGTAACT 60
GCAAGTGTGG CCAAGAAGAG CATGATGTCC TCTTGAGCAA TGAAGAGGAT CGAAAAGTGG 120
GAAAACTTTT TGAAGACACC AAGTATACCA CTCTGATTGC AAAACTAAAG TCAGATGGAA 180
TTCCCATGTA TAAACGCAAT GTTATGATAT TGACGAATCC AGTTGCTGCC AAGAAGAATG 240
TCTCCATCAA TACAGTTACC TATGAGTGGG CTCCTCCTGT CCAGAATCAA GCATTGGCCA 300
GGCAGTACAT GCAGATGCTA CCCAAGGAAA AGCAGCCAGT AGCAGGCTCA GAGGGGGCAC 360
AGTACCGGAA GAAGCAGCTG GCGAAGCAGC TCCCTGCACA TGACCAGGAC CCTTCAAAGT 420
GCCATGAGTT GTCTCCCAGA GAGGTGAAGG AGATGGAGCA GTTTGTGAAG AAATATAAGA 480
GCGAAGCTCT GGGAGTAGGA GATGTCAAAC TTCCCTGTGA GATGGATGCC CAAGGCCCCA 540
A 541

Name: 18 Len: 245 Check: E67

AGGAAATTAA CATTTTGATA CCCATGCATT GGTTCAGGAC NTTGGAAACT CATGGNTTTG 60
ACAAAACACA AGCAGAAACA ATTGTATCAG CGTTAACTGC TTTATCAAAT GTCAGCCTGG 120
ATACTATCTA TAAAGAGATG GTCACTCAAG CTCAACAGGA AATAACAGTA CAACAGCTAA 180
TGGCTCATTT GGATGCTATC AGGAAAGACA TGGTCATCCT AGAGAAAAGT GNATTTGCAN 240
ATCTG 245

Name: 180 Len: 685 Check: 531

TCGTGGAACA AAAGTTATCC TACACCTGAA AGAAGACCAA ACTGAGTACT TGGAGGAACG 60
AAGAATAAAG GAGATTGTGA AGAAACATTC TCAGTTTATT GGATATCCCA TTACTCTTTT 120
TGTGGAGAAG GAACGTGATA AAGAAGTAAG CGATGATGAG GCTGAAGAAA AGGAAGACAA 180
AGAAGAAGAA AAAGAAAAAG AAGAGAAAGA GTCGGAAGAC AAACCTGAAA TTGAAGATGT 240
TGGTTCTGAT GAGGAAGAAG AAAAGAAGGA TGGTGACAAG AAGAAGAAGA AGAAGATTAA 300
GGAAAAGTAC ATCGATCAAG AAGAGCTCAA CAAAACAAAG CCCATCTGGA CCAGAAATCC 360
CGACGATATT ACTAATGAGG AGTACGGAGA ATTCTATAAG AGCTTGACCA ATGACTGGGA 420
AGATCACTTG GCAGTGAAGC ATTTTTCAGT TGAAGGACAG TTGGAATTCA GAGCCCTTCT 480
ATTTGTCCCA CGACGTGCTC CTTTTGATCT GTTTGAAAAC AGAAAGAAAA AGAACAATAT 540
CAAATTGTAT GTACGCAGAG TTTTCATCAT GGATAACTGT GAGGAGCTAA TCCCTGAATA 600
TCTGAACTTC ATTAGAGGGG TGGTAGACTC AGAGGATCTC CCTCTAAACA TATCCCGTGA 660
GATGTTGCAA CAAAGCAAAA TTTTG 685

Name: 181 Len: 207 Check: A9C

TTCTCAGAGG AACGAGAATG AATATGACTC AAGCCCGGGT TCTGGTGGCT GCAGTGGTGG 60
GGTTGGTGGC TGTCCTGCTC TACGCCTCCA TCCACAAGAT TGAGGAGGGC CATCTGGCTG 120

TGTACTACAG GGGAGGAGCT TTACTAACTA GCCCCAGTGG ACCAGGCTAT CATATCATGT 180
TGCCTTTCAT TACTACGNTT CAGAATC 207

Name: 182 Len: 530 Check: A17
AAATCATTCT GGTTCACGGA CACCTCCAGT AGCACTCAAC AGTTCCAGAA TGAGCTGCTT 60
CAGTCGTCCT AGCATGTCCC CAACACCTCT TGATCGCTGC AGATCACCTG GAATGCTTGA 120
ACCCCTTGGC AGCTCTAGAA CACCCATGTC TGTCCTGCAG CAAGCCGGCG GCTCCATGAT 180
GGATGGTCCA GGTCCCCGAA TACCTGACCA CCAGAGAACA TCTGTGCCAG AAAATCATGC 240
TCAGTCCAGG ATTGCACTTG CCCTGACAGC TATCAGTCTT GGCACCGCTC GGCCTCCTCC 300
GTCCATGTCT GCTGCTGGCC TTGCTGCAAG AATGTCCCAG GTTCCAGCCC CGGTGCCTCT 360
CATGAGTCTC AGAACCGCAC CAGCAGCCAA CCTTGCCAGC AGGATTCCTG CAGCCTCTGC 420
GGCAGCCATG AACCTAGCCA GCGCCAGGAC ACCTGCCATT CCAACAGCAG TGAACCTGGC 480
TGACTCTCGA ACGCCAGCTG CAGCAGCGGC CATGAACTTG GCCAGCCCCA 530

Name: 183 Len: 526 Check: 7E1
TGTAGATCAA CTGAGGCATC TACTTGTGAG TAATGTGGGA GGAGATGGAG AAGAGATTGA 60
AAGATTCTTT AAATTACATC AGGAAGACCA GGCTTGTGCA ACTTGCCTTA TTCTTGCTTG 120
CTCCACTGCT GCCTGTGATA GAGAAGTATC TGCCTGGGCT ACTCGGGCTT TCTTTAGGTA 180
TGGTGGTGAA GCACAGATGA GATTTCCAAC CACTCTTCCG CCTCCAAGTA ATGTTGGTCC 240
CATCTTGGGG TCTCCTGTCT ATTCTAGTTC TCCTGTTCCT AGTGGTAGTC CCTATCCAAA 300
TCCATCCTTT TTGGGAACAC CGTCTCATGG TATACAGCCT CCTGCCATGT CAACTCCAGT 360
GTGTGCTCTG GGAAACCCAG CAACTCAGGC CACAAATATG AGTTGTGTGA CTGGACCAGA 420
GATTGTGTAC TCTGGAAAAC ACAATGGGAT TTGCATTTAC TTTTCTCGGA TCATGGGAAA 480
CATTTGGGAT GCAAGCTTAG TTGTGGAGAG AATATTCAAG AGTGGC 526

Name: 184 Len: 612 Check: 1418
GAAGAAGAGG AAGAGGAGGA GGAGGAAGAG CAGCCGCAGG CAGCACAGCC TCCCACCCTG 60
CCCGTGGAGG AGAAGAAGAA GATTCCAGAT CCAGACAGCG ATGACGTCTC TGAGGTGGAC 120
GCGCGGCACA TCATTGAGAA TGCCAAGCAA GATGTCGATG ATGAATATGG CGTGTCCCAG 180
GCCCTTGCAC GTGGCCTGCA GTCCTACTAT GCCGTGGCCC ATGCTGTCAC TGAGAGAGTG 240
GACAAGCAGT CAGCGCTTAT GGTCAATGGT GTCCTCAAAC AGTACCAGAT CAAAGGTTTG 300
GAGTGGCTGG TGTCCCTGTA CAACAACAAC CTGAACGGCA TCCTGGCCGA CGAGATGGGC 360
CTGGGGAAGA CCATCCAGAC CATCGCGCTC ATCACGTACC TCATGGAGCA CAAACGCATC 420
AATGGGCCCT TCCTCATCAT CGTGCCTCTC TCAACGCTGT CCAACTGGGC GTACGAGTTT 480
GACAAGTGGG CCCCCTCCGT GGTGAAGGTG TCTTACAAGG GATCCCCAGC AGCAAGACGG 540
GCCTTTGTCC CCCAGCTCCG GAGTGGGAAG TTCAACGTCT TGCTGACGAC GTACGAGTAC 600
ATCATCAAAG AC 612

Name: 185 Len: 433 Check: C75
GTTTCTTCCA GACAAAGGAA TATCAAAACA CTTCGGCACA AGTACAACAA AGGCATGGGA 60
AGATCATGAT AATGTTTTAC ATCACATTTT ACAGCATTTT ATTTTAATCA GTATTTGTAG 120
AAAACAAGGA TGCTGAGTTC TTGAACACTG CAGTCACAAA CTCAAACTAA AATTTCCAAA 180
AAAAGGAAAG AAAACACTGA ACTACTTGGT CAACTGAACA TCTGTAATAA TAAATGTAAC 240
GAAACCTAAC CAAATAAATA TGCCACTGAG ATCACAACTG AAGTGTATGG TTTTTAGTGT 300
GTGCCAGAGA CATTAAATTA TTTAATCAGT TTTTGACTAC AACCCAAAGC AAAGCATCCT 360
CTCTGTTTCC CTGATGATTT ATTCTAAAAG TAACCTTAAA AAGCAGAAAC TTGCTGGTTA 420
AAGAGAATTT CTG 433

Name: 186 Len: 377 Check: 2316
ATAATGCAAG CCCTTGCATG GCAATCCAAA TTTATTGAAC TACTGATGCT AAGTTATACA 60
AAATTGCACC ACTTTAATTA AGGCTTTTAG TTTACATTTG GCCACCTCAA AGTAGTTGTA 120
ACATTAGGTT GGTCAATTTA AATACTGTGG CTCCCTGTTG GATAGACACA CAATCTTTAC 180
ATCCAAACAT TAATGCATAC AAAGCAACAA GGCATTGTTA AATAAAACAG CAATAGTTAC 240
TGCAAATTAG GCCTTGTGAC CAATTACATA TGATTAAAAT TACTTCCCAC ATTCACATCC 300
ACAGTNACTC GTCCACCATT TAACATCTCA CCAANNACGT TACACATGTG AAACAATCAC 360
TAACAGGCAA AAATACT 377

Name: 187 Len: 413 Check: 6F4
GCTGTAGGTC GAGGGGAAGA CTTAGACTCC TTCTTTATAT TGGGTTTCCT TGAGCCTTTG 60
GTGGCTGCTT TGTGTCTGCT GGAGGGCATG CTGCTAGCCA AGTCTACAGG GGTTTCACTT 120
TCTATCTTCA GGCCTCCACG AGGCTCTTCA GCAGCTGCCT TCTCAGCCTT TTTGGGTTGT 180
TTTTTGCCTA CAGTTCTTCT CTGTGTTGTG CTGTCACTCT GTGCAGGAGA TTTCTGCCTC 240
CCACGCCCAC TTTCTGATCC CTTTTGGATG GTTTTGGAGT CTCGTCCCGG AGTAGCGGAA 300
CTCGTTTCTT TAGGTCCACT TGTATCAGTG TAGCTATTCC CAGTGCCCTG CTCTCGGCCT 360
TCCTTTTTGT AGCCTTGAGA TGATGGGATG TTACTGTCCA CTGAAGAGGC GGG 413

Name: 188 Len: 378 Check: 13F6
CTGAAAAGCC ATCTTTGCAT TGTTCCTCAT CCGCCTCCTT GCCCGCCGCA GTCGCCTCCG 60
CCGCGCGCCT CCTCCGCCGC CGCGGACTCC GGCAGCTTTA TCGCCAGAGT CCCTGAACTC 120
TCGCTTTCTT TTTAATCCCC TGCATCGGAT CACCGGCGTG CCCCACCATG TCAGACGCAG 180

16

CCGTAGACAC CAGCTCCGAA ATCACCACCA AGGACTTAAA GGAGAAGAAG GAAGTTGTGG 240
AAGAGGCAGA AAATGGAAGA GACGCCCCTG CTAACGGGAA TGCTAATGAG GAAAATGGGG 300
AGCAGGAGGC TGACAATGAG GTAGACGAAG AAGAGGAAGA AGGTGGGGAG GAAGAGGAGG 360
AGGAAGAAGA AGGTGATG 378

Name: 189 Len: 545 Check: 214D
TCTGTCAGAA GTTGTAGCAG TGTTGTATAC TGTTTGATTT CATGGACTCT GTTTCAGACT 60
TGAAGAGCAA AGAAATTAAA AGAGCAACAC TGAATGAACT GGTTGAGTAT GTTTCAACTA 120
ATCGTGGTGT AATTGTTGAA TCAGCGTATT CTGATATAGT AAAAATGATC AGTGCTAACA 180
TCTTCCGTAC ACTTCCTCCA AGTGATAATC CAGATTTTGA TCCAGAAGAG GATGAACCCA 240
CGCTTGAGGC CTCTTGGCCT CACATACAGT TGGTATATGA ATTCTTCTTG AGATTTTTGG 300
AGAGCCCTGA TTTCCAGCCT AGCATTGCAA AACGATACAT TGATCAGAAA TTTGTACAAC 360
AGCTCCTGGA GCTTTTTGAT AGTGAAGATC CCAGAGAACG TGACTTCCTG AAGACTGTTC 420
TGCACCGAAT TTATGGGAAA TTTCTTGGAT TAAGAGCATT CATCAGAAAA CAAATTAACA 480
ACATTTTCCT CAGGTTTATA TATGAAACAG AACATTTCAA TGGGTTGCTG AACTTCTTGA 540
ATATT 545

Name: 19 Len: 304 Check: 187B
GATCAAACAA AGTCTGATAG TCTATGCAAG TAACCAGCCA TGTATTTGTA ACAACTTCTC 60
CCACAGTGGC TTCCACTTCA CACCCCAGCA GAGGAACCAC AGCATAATCC GCAACAGTTC 120
TGCTCAGAAG GGACATGATT TTCCCAGCAT TTTCNTTTAA NNANGTTTGC GATGTTAGAT 180
TCATTTTCAT TACTAAAACC CAAAACAAGG AAACTCTTTT GGCTAAATAA GCCTTCTTCA 240
GTAATTGTNG AAACATCAGG GGACACAATG ACTTGACAGA AGACTGGGTT TTCCTTCTTT 300
GGCA 304

Name: 190 Len: 648 Check: 1E8C
GGGTGTGCGA TTGTGTGGGA CGGTCTGGGG CAGCCCAGCA GCGGCTGACC CTCTGCCTGC 60
GGGGAAGGGA GTCGCCAGGC GGCCGTCATG GCGGTGTCGG AGAGCCAGCT CAAGAAAATG 120
GTGTCCAAGT ACAAATACAG AGACCTAACT GTACGTGAAA CTGTCAATGT TATTACTCTA 180
TACAAAGATC TCAAACCTGT TTTGGATTCA TATGTTTTTA ACGATGGCAG TTCCAGGGAA 240
CTAATGAACC TCACTGGAAC AATCCCTGTG CCTTATAGAG GTAATACATA CAATATTCCA 300
ATATGCCTAT GGCTACTGGA CACATACCCA TATAATCCCC CTATCTGTTT TGTTAAGCCT 360
ACTAGTTCAA TGACTATTAA AACAGGAAAG CATGTTGATG CAAATGGGAA GATATATCTT 420
CCTTATCTAC ATGAATGGAA ACACCCACAG TCAGACTTGT TGGGGCTTAT TCAGGTCATG 480
ATTGTGGTAT TTGGAGATGA ACCTCCAGTC TTCTCTCGTC CTATTTCGGC ATCCTATCCG 540
CCATACCAGG CAACGGGGCC ACCAAATACT TCCTACATGN CCAGCATGCC AGGTGGAATC 600
TCTCCATACC CATNNCGATA CNCTCCCANT CCCAGTGGGT ACCCAGCT 648

Name: 191 Len: 339 Check: 127B
GCTGTTTAAG CTCAGGCTAA AGATGATATA AATAGAGGTG CACCATCCAT CACATCTGTC 60
ACACCAAGAG GACTGTGCAG AGATGAGGAA GACACCTCTT TTGAATCACT TTCTAAATTC 120
AATGTCAAGT TTCCACCTAT GGACAATGAC TCAACTTTCT TACATAGCAC TCCAGAGAGA 180
CCCGGCATCC TTAGTCCTGC CACGTCTGAG GCAGTGTGCC AAGAGAAATT TAATATGGAG 240
TTCAGAGACA ACCCAGGGAA CTTTGTTAAA ACAGAAGAAA CTTTATTTGA AATTCAGGGA 300
ATTGACCCCA TAGCTTCAGC TATACAAAAC CTTAAAACA 339

Name: 192 Len: 252 Check: 1228
TGATAGTGAT GGATGGACGC CGCTGCACTG CGCTGCCTCT TGTAACAGCG TTCACCTCTG 60
CAAACAGCTG GTGGAGAGTG GTGCCGCCAT TTTTNCCTCA ACCATAAGCG ACATTGAAAC 120
TGCTGCAGAC AAGTGTGAGG NGATGGAGGA AGGCTACATC CAGTGCTCCC AGTTTCTATA 180
TGGGGTGCAG GTGAAGCTGG GTGTGATGAA CAAAGGTGTG GCNNATGCTC TGTGGGACTA 240
CGAGGCCCAG AA 252

Name: 193 Len: 272 Check: 27D
GACAAACAGG ACTACCCGCA GCCCTCGGAC CTGTCCACCT TTGTAAACGA GACCAAATTC 60
AGTTCACCCA CTGAGGAGTT GGATTACAGA AACTCCTATG AAATTGAATA TATGGAGAAA 120
ATTGGCTCCT CCTTACCTCA GGACGACGAT GCCCCGAAGA AGCAGGCCTT GTACCTTATG 180
TTTGACACTT CTCAGGAGAG CCCTGTCAAG TCATCTCCCG TCCGCATGTC AGAGTCCCCG 240
ACGCCGTGTT CAGGGTCAAG TTTTGAAGAG AC 272

Name: 194 Len: 334 Check: 19FD
GAGANCCTGG AAAAATTAAC CACATGAGAN ACGATACACT AGCCCAGATG TTGACGTTGG 60
GAAATATCCG TNCTGGCAAC AAAATGATTG TNATGGAAAC GTGTGCAGGC TTGGTGCTGG 120
GTGCAATGAT GGAACGAATG GGAGGTTTTG GCTCCATTAT TCAGCTATAC CCTGGAGGAG 180
GACCTGTTCG GGCAGCAACA GCATGTTTTG GATTTCCCAA ATCTTTTCTC AGTGGTCTTT 240
ATGAATTCCC TCTCAACAAA GTGGGACAGT CTTCTACATG GAACATTTTC TGCCAAGATG 300
TTATCTTCAG AGCCAAAAGA CAGTGCTTTG GTTG 334

Name: 195 Len: 352 Check: 13BF
TTTTGGTTTT GTCAAATGTT TTATTGAGTG TAGACATCTG GAGTACTGTA AAACATGCAT 60
TATCTGTAGA TTCAAAAAGG AGCAAGCCAC ATTGTCCTCA CTGTCAAATG TGTCAGGCTT 120

GGCATACATG ATGGAGATTA ATGAAGTATC ATGAGAGTAA TATGGTTCCT GAAAAGCTTC 180
TACAATTTGG AGTAGGGTCT TAATCACGTG AAAAAGCAAA CTGTTCACAT TTAGTGAACC 240
TGCATTTCAT GGAGGGGGGG GGGTACACAN TATTTTAATT TTAAAACAAA TAAAAATAAT 300
TTGTTTGTCA AAGATTCCCA TCTCCCCAAC TTTATTTGTC GCATTGGTTT TC 352

Name: 196 Len: 355 Check: 9AF
TTATGAAGAA GAAATTATTC ATTTTAAGAA AGAACTTCGA GAACCACAAT TTCGGGATGC 60
TGAGGAAAAG TATAGAGAAA TGATGATTGT TATGAGGACA ACAGAACTTG TGAACAAGGA 120
TCTGGATATT TATTATAAGA CTCTTGACCA AGCAATAATG AAATTTCACA GTATGAAAAT 180
GGAAGAAATC AATAAAATTA TACGTGACCT GTGGCGAAGT ACCTATCGTC TGACAAGATA 240
TGAATACATA GAAATACGGT CTGATGCCGA TGAAAATGTA TCAGCTTCTG ATAAAAGGCG 300
GAATTATAAC TACCGAGTGG TGATGCTGAA GGGAGACACA GCCTTGGATA TGCGA 355

Name: 197 Len: 456 Check: A6C
GCACGAGTCT ACATCCAGAG GACCAAGAGC ATGTTCCAGA GGACCACGTA CAAGTATGAG 60
ATGATTAACA AGCAGAATGA GCAGATGCAT GCGCTGCTGG CCATTGCCCT CACGATGTAC 120
CCCATGCGTA TTGATGAGAG CATTCACCTC CAGCTGCGGG AGAAATATGG GGACAAGATG 180
TTGCGCATGC AGAAAGGTGA CCCACAAGTC TATGAAGAAC TTTTCAGTTA CTCCTGCCCC 240
AAGTTCCTGT CGCCTGTAGT GCCCAACTAT GATAATGTGC ACCCCAACTA CCACAAAGAG 300
CCCTTCCTGC AGCAGCTGAA GGTGTTTTCT GATGAAGTAC AGCAGCAGGC CCAGCTTTCA 360
ACCATCCGCA GCTTCCTGAA GCTCTACACC ACCATGCCTG TGGCCAAGCT GGCTGGCTTC 420
CTGGACCTCA CAGAGCAGGA GTTCCGGATC CAGCTT 456

Name: 198 Len: 422 Check: 1FAE
GCACGAGATA CTGTGAAATA CCTTTTCTCA CAAAAAGGCA AATATTGAAG TTGTTTATCA 60
ACTTCGCTAG AAAAAAAAAA CACTTGGCAT ACAAAATATT TAAGTGAAGG AGAAGTCTAA 120
CGCTGAACTG ACAATGAAGG GAAATTGTTT ATGTGTTATG AACATCCAAG TCTTTCTTCT 180
TTTTTAAGTT GTCAAAGAAG CTTCCACAAA ATTAGAAAGG ACAACAGTTC TGAGCTGTAA 240
TTTCGCCTTA AACTCTGGAC ACTCTATATG TAGTGCATTT TTAAACTTGA AATATATAAT 300
ATTCAGCCAG CTTAAACCCA TACAATGTAT GTACAATACA ATGTACAATT ATGTCTCTTG 360
AGCATCAATC TTGTTACTGC TGATTCTTGT AAATCTTTTT GCTTCTACTT TCATCTTAAA 420
CT 422

Name: 199 Len: 446 Check: 1C55
CGATGGAGAC ATCAAACAAG AGCCAGGAAT GTATCGGGAA GGACCCACAT ACCAACGGCG 60
AGGATCACTT CAGCTCTGGC AGTTTTTGGT AGCTCTTCTG GATGACCCTT CAAATTCTCA 120
TTTTATTGCC TGGACTGGTC GAGGCATGGA ATTTAAACTG ATTGAGCCTG AAGAGGTGGC 180
CCGACGTTGG GGCATTCAGA AAAACAGGCC AGCTATGAAC TATGATAAAC TTAGCCGTTC 240
ACTCCGCTAT TACTATGAGA AAGGAATTAT GCAAAAGGTG GCTGGAGAGA GATATGTCTA 300
CAAGTTTGTG TGTGATCCAG AAGCCCTTTT CTCCATGGCC TTTCCAGATA ATCAGCGTCC 360
ACTGCTGAAG ACAGACATGG AACGTCACAT CAACGAGGAG GACACAGTGC CTCTTTCTCA 420
CTTTGATGAG AGCATGGCCT ACATGC 446

Name: 2 Len: 352 Check: FBA
CATGGCATGC AGAGGATCTA CAAAATGGGT TCACCAGGCC TGTCTACAAC GCTGGGTGGA 60
TGAAAAGCAA ACAGGAAACA GTACAGCCAG AGTGGCATGT CCTCAGTGCA ATGCTGAATA 120
CCTAATAGTT TTTCCAAAAT TGGGTCCAGT GGTTTACGTC TTGGATCTTG CAGATAGACT 180
GATCTCAAAA GCCTGTCCAT TTGCTGCAGC AGGAATAATG GTCGGCTCTA TCTATTGGAC 240
AGCTGTGACT TATGGAGCAG TGACAGTGAT GCAGGTTGTA GGTCATAAAG AAGGTCTGGA 300
TGTTATGGAG AGAGCTGATC CTTTATTCCT TTTAATTTGG GACTTCCTAC TA 352

Name: 20 Len: 1558 Check: F16
AGGAGGCCGC GGCGGNGCAG GGCGGCGACT GCCTGCCTGC CTGGGTTGCG GAAGTGATAG 60
CCGCCGACCG AGCCTGCTGC TTTCTTGCTA CTGCTTCGGC TTCCCGCCTA CTTCCCCCGG 120
ACGGTGAAGG CGGCCCAGCT GTGGATGGTC AGATAGCCCT TGTCTCCCGC CGCCAATCTC 180
TGGCCCCTAG CAGCACGGAG CAGACGGCGG CAGCAGCAGC AGCAGGCGAG GAGGAAGATG 240
GCGGGACGGC TGCCGGCCTG TGTGGTGGAC TGTGGCACGG GGTATACAAA ACTAGGATAT 300
GCTGGAAATA CAGAACCACA GTTTATCATC CCTTCCTGTA TTGCTATTAA GGAGTCAGCA 360
AAAGTGGGTG ATCAAGCTCA AAGGAGGGTG ATGAAAGGTG TTTGATGACC TAGACTTCTT 420
CCATTGNGTG ATGAAGCAAT AGAAAAACCT ACATATTGCA ACAAAGTTGG CCCAATCCGC 480
CATGGTATAG TNTGAAGATT GGGACTTTAA TGGAAAGGTT TATGGAGCAA GTGATCTTTT 540
AAATATTTTA NGGGCAGAAC CCTGAAGACC ATTATTTTCT TTTGACTGAA CCTCCATTGA 600
ATACTCCAGA AAACAGGGAA TATACTGCTG AAATAATGTT TGAGTCCTTC AATGTTCCAG 660
GCTTGTACAT TGCTGTGCAG GCTGTTCTTG CCTTATCTGC ATCTTGGACC TCAAGACAAG 720
TAGGAGANCG GACGTTGACC GGTNCGGTAA TAGACAGTGG AGATGGTGTC ACTCATGTCA 780
TTCCTGTGGC TGAAGGGTAT GTGATTGGCA GCTGTATTAA ACACATTCCA ATCGCAGGGA 840
CCGAAGATAT AACAATATTT TAATTCAAGC AACCTGCTGA GAGACCCGAG AAGTAGGGAA 900
TCCCTCCAAG AACCAACCCT TGGAAACCTG CTAAGGCAGT AAAGGAGCGC TATAGTTATG 960
TCTGCCCAGA TTTAGTAANA GAATTTAACA AGTGCTTTTG GAACTAAGAG CTAGTATCTT 1020

18

GGATTAACTG ATGCCTGCTA GTGCTTTCTG ATTACTCGCA TTCTGTTTCT TGCTTTAAAA 1080
GAAGAGTAAA GACAAGAGTG TTGGACCAGT ATTGCAGTTC TGTAGTGTCA TTTCTTATAA 1140
AAAACNAAAC AACAACAATA ATTTATCCAA ATTGGCATAT TTAAAGCCTA ACATTCTAAT 1200
AAAGGCACAA ATTTCTTTTT AAATACTTGT TTCAGCCTCT TTNATCTCTT TATAAGTTAA 1260
CTAATAAATC TATTTTCTTC AGACTTCTGC AATAGTTCTT TAAAATCACC ACAGTTAGCA 1320
AGCTGACTTT TGTAATGTGC TCNAANACCA ANACTTGTGA ACTTTTAATA TGTTGAGTGC 1380
TTTCATTTTG ATAACTGGAT CTCCATTTGA TATTTTCATT TGNATAACTC ATTTGCAGTC 1440
TGGAAATTTT TTTTAGTGCC AGTCCCTGGA CATATCATTG AAAGTTAATT TTCTTTGCAT 1500
TTTAAAATAT CTGGATTATG GAGGAAAAGT GATGNAAATA AATTAAAACT GAATTACC 1558

Name: 200 Len: 581 Check: 256
CGAAAAGAAA TCAGAAATGG AAAGTGTTTT GGCCCAGCTT GATAACTATG GACAGCAAGA 60
ACTTGCGGAT CTTTTTGTGA ACTATAATGT AAAATCTCCC ATTACTGGAA ATGATCTATC 120
CCCTCCAGTG TCTTTTAACT TAATGTTCAA GACTTTCATT GGGCCTGGAG GAAACATGCC 180
TGGGTACTTG AGACCAGAAA CTGCACAGGG GATTTTCTTG AATTTCAAAC GACTTTTGGA 240
GTTCAACCAA GGAAAGTTGC CTTTTGCTGC TGCCCAGATT GGAAATTCTT TTAGAAATGA 300
GATCTCCCCT CGATCTGGAC TGATCAGAGT CAGAGAATTC ACAATGGCAG AAATTGAGCA 360
CTTTGTAGAT CCCAGTGAGG AAAGACCACC CCAAGTTCCA GAATGTGGCA GACCTTCACC 420
TTTATTTGTA TTCAGCAAAA GCCCAGGTCA GCGGACAGTC CGCTCGGAAA ATGCGCCTGG 480
GAGATGCTGT TGAACAGGGT GTGATTAATA ACACAGTATT AGGCTATTTC ATTGGCCGCA 540
TCTACCTCTA CCTCACGAAG GTGGAATATC TTCAGATAAA C 581

Name: 201 Len: 625 Check: 22A8
GTCCTGGCCC AGAGCCTGGA CGGGGCTGAA GGACACGGGG GACAGGGCTC CTGGCTTCTT 60
CCGCCCCGTC CTGGCCCAGA GCCTGGAGCA TGATGAGCAC TCTTGTCCCT TTAAAAAATC 120
AAAGCCGCAC CCCGCCTCCC TGGCCAGCAA GAAACCTAAA AGGGAAACAA ACTCTGACAG 180
CGTCCCACCT GGCTACGAGC CCATCTCGCT GCTCGAGGCG CTCAACGGCC TCCGGGCTGT 240
CTCCCCGGCC ATCCCCTCGG CCCCTCTTTA TGAAGAAATC ACCTATTCAG GCATCTCGGA 300
CGGCCTGTCC CAGGCCAGNT GTCCCCTCGC GGCTATCGAC CACATCCTGG ACAGCAGCCG 360
CCAGAAGGGC AGGCCGCAGA GCAAGGCCCC CGACAGCACC CTACGGTCCC CGTCTTCCCC 420
CATCCACGAA GAGGATGAGG AGAAGCTCTC CGAGGACGTG GACGCCCCTC CCCCACTGGG 480
TGGCGCAGAG CTGGCCCTGC GGGAAAGCAG CTCCCCTGAG AGTTTCATAA CAGAAGAGGT 540
TGATGAGTCG TCTGTCACCA CAAGCAAGGG GACCCGAGCA GCTTCCATTG AGAATGTCCT 600
GCANGACAAG CAAGNCCCGA GCACT 625

Name: 202 Len: 806 Check: 1E28
TCTAGTTTTT GGAATGGAGC CTCGCATCCT ATACAACCCT TTACAAGGCC AGAAATGTAT 60
TGTTCAAACA ACTTCATGGT CCCAGTGCTC AAAGACCTGT GGAACTGGTA TCTCCACACG 120
AGTTACCAAT GACAACCCTG AGTGCCGCCT TGTGAAAGAA ACCCGGATTT GTGAGGTGCG 180
GCCTTGTGGA CAGCCAGTGT ACAGCAGCCT GAAAAAGGGC AAGAAATGCA GCAAGACCAA 240
GAAATCCCCC GAACCAGTCA GGTTTACTTA CGCTGGATGT TTGAGTGTGA AGAAATACCG 300
GCCCAAGTAC TGCGGTTCCT GCGTGGACGG CCGATGCTGC ACGCCCCAGC TGACCAGGAC 360
TGTGAAGATG CGGTTCCGCT GCGAAGATGG GGAGACATTT TCCAAGAACG TCATGATGAT 420
CCAGTCCTGC AAATGCAACT ACAACTGCCC GCATGCCAAT GAAGCAGCGT TTCCCTTCTA 480
CAGGCTGTTC AATGACATTC ACAAATTTAG GGACTAAATG CTACCTGGGT TTCCAGGGCA 540
CACCTAGACA AACAAGGGAG AAGATGTCAG AATCAGAATC ATGGAGAAAA TGGGCGGGGG 600
TGGTGTGGGT GATGGGACTC ANTGTAGAAA GGAAGCCTTG CTCANTCCTG AGGANCANTA 660
AGGTATTTCG AAACTGCCAA GGGTGCTGGT GCGGATGGAC ACTAANGCAG CCACGATTGG 720
AGAATACTTT GCNTCATAGT ANTGGAGCAC AGTTACNGCT CAATTTGGAG CNTGTGGAAT 780
TGAGACTTCC NGNTTCCGGT TGAAAT 806

Name: 203 Len: 489 Check: 610
GCACGAGCGG CACGAGTTTC ATTTTTCCAA AAGAGAAAAA AATGACAAAA GGTGAAACTT 60
ACATACAAAT ATTACCTCAT TTGTTGTGTG ACTGAGTAAA GAATTTTTGG ATCAAGCGGA 120
AAGAGTTTAA GTGTCTAACA AACTTAAAGC TACTGTAGTA CCTAAAAAGT CAGTGTTGTA 180
CATAGCATAA AAACTCTGCA GAGAAGTATT CCCAATAAGG AAATAGCATT GAAATGTTAA 240
ATACAATTTC TGAAAGTTAT GTTTTTTTTC TATCATCTGG TATACCATTG CTTTATTTTT 300
ATAAATTATT TTCTCATTGC CATTGGAATA GATATCTCAG ATTGTGTAGA TATGCTATTT 360
AAATAATTTA TCAGGAAATA CTGCCTGTAG AGTTAGTATT TGTATTTTTA TATAATGTTT 420
GCACACTGAA TTGAAGAATT GTTGGTTTTT TCTTTTTTTT GTTTNGNNTT TTTTTTTTTT 480
TTTTTTTTG 489

Name: 204 Len: 403 Check: 20BF
CAAGCTCAGA AGGGTCATCT CAGAGTTCAC TCTCTCCTGT ACTCATTGGT GGAAACCATT 60
TGATCACTGC AGGTGTGCCA AGGCGAAGTA AAAGAATTGC AGGCAAAAAA GTTTGCAGAG 120
TGGAATCAGG AAAAGCAGGC TGCTTTTCTC CTAAAATCAA GCCATAAAGA AAAGGTTCCG 180
AAGATCTCTG CCGTTTGAAA TTCAATCTAG GGAAAAATGG CAGAGAAGTA AATGGGATGT 240
TCTGGTGTCA ATAGGATATT GAAAGTGTTG GTTGGGCGAC TTGCAAATCA ACAAAGTTTA 300

AAAAATCCGA ATTNGAATCT GTAAAAACAG GTTTGCTTTT TAAGCCCAGN ATGTTGGATT 360
GGAAAAANGT TACCANAAGA AAGGGGTTCA AGAAAAAGGA TCA 403

Name: 205 Len: 462 Check: 1820
TTTACAGGTA CACAATTTAA TATTTATTAT ATGCATTTTA TATACATTAT TTTTCAACAG 60
CTGTATGTTT GCTATGTGGT ACAATCTTAA AAATTTGCTG ATTCATAGTT TGTAAAACAA 120
AAACCTTACA AAACTCATCA AAACTCGCAA ACTGATCAGA AAAGTTTCTC GGAAGACTAG 180
AAAAAATACT TTATTGTCTT AATCATGCAT TACACAAACA AAATCTTTAG TTACACCATA 240
AAATTAAGCA CATCTAAAAA AATAAAACAG GGATAACTAG TCAAAACACA GCAGATTTCT 300
GTATCCTGAT TCAACTATTT TTGTATCCTA TTTGTAATGC AAATAAAACT TTACTCCAAA 360
TATTTTTAAA CAAGTTAGTT TTGTTTGGAA TCATGGTAAA CCAAGATATA TATCTTAGGG 420
GGAACCACCT TGGTTTGTAA TTTAAACTAT AAAATACTCC AT 462

Name: 206 Len: 724 Check: 21C0
GTCAGGGGCT GTAGCAAGTA CATTAGCTTC AAGTTCCTTA ACTTGGACAT TCAAATATTC 60
TTCTTGCTCT ATTAAACGCT GGATGCTTGC AGTAAATTTT TCTAGTGTGT TCCTCATTTC 120
TCGTTCACTA TGCCGTAACT TAACTACTCT TTCTTCAAGT TGTACTTTCT GTTCTTGGAT 180
TTGCATTGCT TTTTTAGAGT CGTTTTGCAA CTGTGATTCC ATTTTGTTTA CCTCTTCTTC 240
AGAGATTTCA ATAACAAGTG AGGAACCCAT TCTTCCTTTC ATTACTTTGC TTCCACCACC 300
AGTCATTGTA CCTGACTGTT CTATGATTTG TCCCTGTAAA GTTACCACTC TCCATCTTCT 360
ATCTTTTTGA TATGCTACTC TTGTGGCTTG ATCCAAGTTG TCAGCTACTA AGGTATCTCG 420
TAAAGCAAAA TAAAAAGCTT GGCGAATTTT CTCATCTTTT ACTTTTACTA AATCAAATAA 480
ACGAGGAGTA TTTTCAGGAG TTTGAATTTC GGTCATCTTT TTCGCCCATA CAGCCATCTT 540
ATCTAAACCT ATAAAAGTTG CAACTCCAAT ATTTTTGTCT TTTAAGGAAG TTACACATTT 600
CTTGGGCTAT ATCAAATAGA TCAACCAACA ATGTAGTCCA GTGCATGACA ACAGGATGAT 660
ATAACCACCT CGGATTTTTT ATTAATGGGT TCTAAGGCCC CAATCGTCCA TATATTTCTG 720
GAAC 724

Name: 207 Len: 371 Check: 1633
CCTCGTGCAA GTTANAGGTT CGCNGGTNTG CAGACCTCAC AGAAGATCAG CTACCCTCCT 60
GTGAGAGTCT GAAGGATACT ATTGCCAGAG CTCTGCCCTT CTGGAATGAA GAAATAGTTC 120
CCCAGATCAA GGAGGGGAAA CGTGTACTGA TTGCAGCCCA TGGCAACAGC CTCCGGGGCA 180
TTGTCAAGCA TCTGGAGGGT CTCTCTGAAG AGGCTATCAT GGAGCTGAAC CTGCCGACTG 240
GTATTCCCAT TGTCTATGAA TTGGACAAGA ACTTGAAGCC TATCAAGCCC ATGCAGTTTC 300
TGGGGGATGA AGAGACGGTG CGCAAAGCCA TGGAAGCTGT GGCTGCCCAG GGCAAGGCCA 360
AGAAGTGAAG G 371

Name: 208 Len: 359 Check: 57A
CGGCCATCAC CTCATTCCTG TCAAGGAGAA CCTCGTTGAC AAAATCTGGA CAGACCGTCC 60
TGAGCGCCCT TGCAAGCCTC TCCTCACACT GGGCCTGGAT TACACAGGCA TCTCCTGGAA 120
GGACAAGGTT GCAGACCTTC GGTTGAAAAT GGCTGAGAGG AACGTCATGT GGTTTGTGGT 180
CACTGCCTTG GATGAGATTG CGTGGCTATT TAATCTCCGA GGATCAGATG TGGAGCACAA 240
TCCAGTATTT TNNTCCTACG CAATCATAGG ACTTAGAGAC GGTCATGCTC TTCATTGATG 300
GTGACCGCAT AGACGGCCCC AGTGTTGAAG GAGCACCTGN TTTCTTTAAC TTGGGCTTG 359

Name: 209 Len: 353 Check: 22DB
TGGCACGAGG CCGTGTCCAA GATGTTTTCA GTTCAACACA CAGTCTCCTC CATTATTTTG 60
ATCGTCTGAT TCTTACCGGA GCCGAAAGCA AAAGTAATGG GGAAGAGGGC TATGGCCGGA 120
GCTTGAGATA CGCCGCTCTG AATCTTGCCG CCCTGCACTG CCGCTTCGGT CACTATCAAC 180
AGGCAGAGCT CGCCCTGCAG GAGGCAATTA GGATTGCCCA GGAGTCCAAC GATCACGTGT 240
GTCTCCAGCA CTGTTTGAGC TGGCTTTATG TGCTGGGGCA GAAGAGATCC GATAGCTATG 300
TTCTGCTGGA GCATTCTGTG AAGANGGCAG TACATTTTGG GGTTACCGTA CCT 353

Name: 21 Len: 561 Check: 14E5
AGCCAGGTTT CCGAGGTGCT GAGAAGNCAN GAAACTCCGC AGACTACTCC TCAGAGAGCA 60
AAAAGCAGAA AACTGAAGAA AAGGAAATTG CAGCTCGTTA TGACAGCGAT GGTGAGAAAA 120
GTGATGACAA CTTGGTGGTT GACGTTTCCA ATGAGGATCC ATCTTCCCCT CGAGGGAGCC 180
CAGCACATTC CCCCAGAGAG AATGGCCTAG ACAAGACACG CCTGCTCAAG AAAGATGCCC 240
CGATTAGTCC AGCCTCTATT GCATCTTCCA GCAGTACTCC CTCCTCCAAA TCCAAAGAAC 300
TTAGCCTTAA TGAAAAATCT ACTACTCCCG TCTCAAAGTC CAATACCCCC TACTCCACGA 360
ACTGATGCNG CCACCCCCAG GCAGTAACTC TANTCCCGGG ATTTGAGGCC TTGTANCTGG 420
GAAAACCACC AGGAGTTGGA CCTTTTGGGC TCAAGCCTAA GGACCCCAAT GGGAAGTACC 480
TTTGTCCATA TNCAANTCCA TTTGGGGATT GTGCCCATGC TGGAATGAAC GGGGAGCTGA 540
NCAGCCCGGG NGCGGGCTAC G 561

Name: 210 Len: 651 Check: EC9
TTTTTTTGAC TGTCTTCACA TTAATGGAGA TTGGTGATTT CTCTTCAGCT TTTACTTCTC 60
TTGGTGATGA TGGCTTGGAG GCTGGAGAAA ATCCACCCAG GGTTGAAAGG GCTGGAGTTC 120
CATCCGGATT CAATCCCTTT GCTTTTAATT TGGCTTCTTG TAAGGCTACT TTTCTTTTTT 180
CTACTTCTTT TTCCAGTAAT TCATAGTTTG GCTTTTTTCT GGTATAAAGC CTAAGTGTTT 240

20

CTATGCAGAT TTCCTGGATT TCCTCTTCTG TAGTACCAAA AAGAAGAAAC CAATGGGGAC 300
GAGTTGGCAA CGGAATCTGA AGTGCTCTAG CTGCAAGGTA GATGCAAGCA CATGCTATAG 360
TCTCTGGTTG AAATCGAACA AACACATTGG TTCGAAGACT GTCATTCATG TAATTCCAGG 420
CAGTTTGAAC CAGGGTTTGA TTACGTTCAC ATTCTAAGAC TTGTAAATAC ATAACAATGA 480
TCTTATGAGG ATGCTTGACA TGAACACAAA ATCCCAACTC CTTTAGCACC CTCCTCTCTG 540
CTTTGATAAC TTGATTTTTG GTGTTAATGT AGTTCTGATC AAGGATCACG GGGCTTGGAG 600
TCTTTTTCCT TTTAACTGGC GGAGGTGGTG GAATACATTA ATCACATCTC T 651

Name: 211 Len: 789 Check: F55
CAAGAGCACT ACATGANGGG CTCTGACGGC GCCCCGGACA CTGGGTACCT GTGGCATGTT 60
CCATTGACAT CCATCACCAG CAAATCCAAC ATGGNCCATC GATTTTTGCT AAAAACAAAA 120
ACAGATGTGC TCATCCTCCC AGAAGAGGTG GAATGGATCA AATTTAATGT GGGCATGAAT 180
GGCTATTACA TTGTGCATTA CGAGGATGAT GGATGGGACT CTTTGACTGG CCTTTTANAA 240
GGAACACACA CAGCAGCCAG CAGTAATGAT CGGGCAAGTC TCATTAACAA TGCATTTCAG 300
CTCGTCAGCA TTGGGAAGCT GTCCATTGAA RAGGCCTTGG ATTTATCCCT GTACTTGAAA 360
CATGAAACTG AAATTATGCC CGTGTTTCAA GGTTTGAATG AGCTGATTCC TATGTATAAG 420
TTAATGGAGA AAAGAGATAT GAATGAAGTG GAAACTCAAT TCAAGGCCTT CCTCATCAGG 480
CTGCTAAGGG ACCTCATTGA TAAGCAGACA TGGACAGACG AGGGCTCAGT CTCAGAGCAA 540
ATGCTGCGGA GTGAACTACT ACTCCTCGCC TGTGTGCACA ACTATCAGCC GTGCGTACAG 600
AGGGCAGAAG GCTATTTCAG AAAGTGGGAG GAATCCAATG GAAACTTGAG CCTGCCTGTC 660
GACGTGACCT TGGCAGTGTT TGCTGTGGGG GCCCAGAGCA CAGAAGGCTG GGATTTTCTT 720
TATAGTAAAT ATCAGTTTTC TTTGTCCAGT ACTGAGAAAA GCCAAANTGA ATTTNCCCTC 780
TTCAGAACA 789

Name: 212 Len: 457 Check: D31
CAATTAAGGG CTTTGGCGGG ATTGGCTCCG CGTTTGGGCT GGTCCGCTGC TCCCCACCTA 60
CCAGGGTCGG ATCCGGAGCC CTTCCCCGCG GGGCGGGGAC CTCCAAACAA CCGACTCCTT 120
TCCAGCTGAA GAAACACTTA AATTCTGGAA ATAGCGACTC AGTATCATGG CCAGCAGCCT 180
TAATGAAGAT CCAGAAGGAA GCAGAATCAC TTATGTGAAA GGAGACCTTT TTGCATGCCC 240
GAAAACAGAC TCTTTAGCCC ACTGTATCAG TGAGGATTGT CGCATGGGCG CTGGGATAGC 300
TGTCCTCTTT AAGAAGAAAT TTGGAGGGGT GCAAGAACTT TTAAATCAAC AAAAGAAATC 360
TGGAGAAGTG GCTGTTCTGA AGAGAGATGG GCGATATATA TATTACTTGA TTACAAAGAA 420
AAGGGCTTCG CACAAGCCAA CTTATGAAAA CTTACAG 457

Name: 213 Len: 727 Check: 30C
TTTTTTTGCT GGTAATATAT TGCTGCACTG AGTGTGTGCA ATTTTTATTC AAGGTCATCG 60
TGATGCTGAG AAGTTTCGTT GATAACCTGT CCATCTCTAG TTTCAACCGT CTTAATCAGA 120
AGTGTCCTTT TTGAGTGGGT ATCAACCAGA GGGAGTGAAT CCAGATTAGT TTCCCTCAGG 180
TTCAGGGAGG AAAAGTTTGG AAGAGGCAGA GAAATCCTGC TCTCCTCGCC TTCCAGCAGC 240
TTCCTGTAGG TGGCAATCTC AATGTCAAGG GCCATCTTAA CATTGAGCAG GTCTTGGTAT 300
TCACGAAGGT GACGAGCCAT TTCCTCCTTC ATATTCTGAA TCTCATCCTG CAGGCGGCCA 360
ATAGTGTCTT GGTAGTTAGC AGCTTCAACG GCAAAGTTCT CTTCCATTTC ACGCATCTGG 420
CGTTCCAGGG ACTCATTGGT TCCTTTAAGG GCATCCACTT CACAGGTGAG GGACTGCACC 480
TGTCTCCGGT ACTCAGTGGA CTCCTGCTTT GCCTGGCGCA GGGCGTCATT GTTCCGGTTG 540
GCAGCCTCAG AGAGGTCAGC AAACTTGGAT TTGTACCATT CTTCTGCCTC CTGCAAGTTC 600
TTGGCAGCCA CACTTTCATT TTGCTGACGT ACGTCACGCA GGGCAGCGCT GAGGTCAAGC 660
TTGGAAACAT CCACATCGAT TTGGACATGC TGTTCCTGGA TCTGAGCCTT GCGCTTCTGG 720
ATTTCCT 727

Name: 214 Len: 622 Check: 19DE
GCTCCTGTCA GTACACACTC CCAAACAGTT AAACCCAGCT CTAATTCCAA CTCTGCAAGA 60
GCTTTTAAGC AAATGCAGGA CTTGTCTGCA ACAGAGAAAC TCACTCCAAG AGCAAGAAGC 120
CAAAGAAAGA AAAACTAAAG ATGATGAAGG AGCAACTCCC ATTAAAAGGC GGCGTGTTAG 180
CAGTGATGAG GAGCACACTG TAGACAGCTG CATCAGTGAC ATGAAAACAG AAACCAGGGA 240
GGTCCTGACC CCAACGAGCA CTTCTGACAA TGAGACCAGA GACTCCTCAA TTATTGATCC 300
AGGAACTGAG CAAGATCTTC CTTCCCCTGA AAATAGTTCT GTTAAAGAAT ACCGAATGGA 360
AGTTCCATCT TCGTTTTCAG AAGACATGTC AAATATCAGG TCACAGCATG CAGAAGAACA 420
GTCCAACAAT GGTAGATATG ACGATTGTAA AGAATTTAAA GACCTCCACT GTTCCAAGGA 480
TTCTACCCTA GCTGAGGAAG AATCTGAGTT CCCTTCTACT TCTATCTCTG CAGTTCTGTC 540
TGACTTAGCT GACTTGAGAA GCTGTGATGG CCAAGCTTTG CCCTTCCAGG ACCCTGAGGT 600
TGCTTTATCT CTCAGTTGTG GC 622

Name: 215 Len: 448 Check: EDC
ATAGTTAAAC AACTTTATTA ACATAGTCAA GCAGTGATTA ACATTCACAT CTATTATGTC 60
ACATCATACA AATGTAAATA CAAAATTACT ACAGTACAAT ATATATTCTC TGCATGATCC 120
AAAATATTTG GTGGCCCCAA AAAACTCTCT TTAAAATTCA GCAGCTTATC AAAAATTAAA 180
ACCGTATTCT ATTTAAAATG GAGATCTGTT AGCACAGAGT TAGACTTCAA GAAATATCAA 240
TTTAGTACAG TTTGAGAAGT TGCAGGAGGA TATGTTTGAA GGACACATTC TAACATAGTG 300

2.1

TGGCAGGTAC AGGAAACATC AGATTTAAAG CTTTTAAGCA TAACTCATAC AACCTAAGTT 360
GTCAGCAGAA AGATCCAGTT ATATTTGTAA CTAAAGCTAA TGCTACTAAA TTATTGCACC 420
CAATGTTAAC ATATTAAGTG TAAAACTG 448

Name: 216 Len: 595 Check: D48
TCTGTTCTAA TGTATCATTA AGCTCCTTAA AATACTGGAG AACAGCTTCC TTATCGCCTT 60
GGATCATTTT CTCAGAATGA GATTTTTGTT CTTTCAGCTT TTCAATAAGA TGGGTAAGAT 120
CTGTCCAGTG TGTGTCAGTC AACTGTTCAA GCAGTTTTTG AGGAGTGTCC TTTTCTTTCA 180
AATAGGCACT TTGAAGGTCA TCTATAGGAT GACCATGATG TTGACCTATG GTAAGGCAAT 240
GACCACAAAC TAATTTTTTA TCTAATAGAC AGTAAACATT TAATGGTTGC CTGTAATGTT 300
CAGGGCAGGT GACAATATCT GGATGGTCTT CTTGCTGGTA CTTTTCAATA ATAGCCCTTA 360
GTGCAAAATT AACAGGTAAA GATTCAATGC CAGTTGGAGC AATTTCAGTA ATACTTCTGC 420
AATTAGGGCA CTTGAGTGGA ATTCGTAAAG GTCTCCATAT ATAAAAGTTA CCAGATGCCT 480
GAAGAATGTT TTCCAAACAA TTTCTACAAA ATGTATGAGA GCATGGCAGT ACACGAGGAT 540
CTTCAAAAAT ACTATAACAT ATGGGACAAG TTAACTCTTG CTCANAATTG TGCAT 595

Name: 217 Len: 153 Check: 330
AAGTGGGTGG GCTTGCCAAG CTCGACACCA GTGCGACTGA GGCCAGGGCC CTCGGCCTTC 60
ACCTTACTGG CGTCATGAGA GGGCTCCACC TTGACTCGGA TGGGGCTGGT GGGCGTGGCC 120
TGGTCAGCAA AGAGGACCAT AATGGTGTAG CTG 153

Name: 218 Len: 446 Check: 9BD
TAGATGGCTA CTTCCGGCTC ACAGCAGATG CCCATCATTA CCTCTGCACC GACGTGGCCC 60
CCCCGTTGAT CGTCCACAAC ATACAGAATG GCTGTCATGG TCCAATCTGT ACAGAATACG 120
CCATCAATAA ATTGCGGCAA GAAGGAAGCG AGGAGGGGAT GTACGTGCTG AGGTGGAGCT 180
GCACCGACTT TGACAACATC CTCATGACCG TCACCTGCTT TGAGAAGTCT GAGCAGGTGC 240
AGGGTGCCCA GAAGCAGTTC AAGAACTTTC AGATCGAGGT GCAGAAGGGC CGCTACAGTC 300
TGCACGGTTC GGACCGCAGC TTCCCCAGCT TGGGAGACCT CATGAGCCAC CTCAAGAAGC 360
AGATCCTGCG CACGGATAAC ATCAGCTTCA TGCTAAAACG CTGCTGCCAG CCCAAGCCCC 420
GAGAAATCTC CAACCTGCTG GTGGCT 446

Name: 219 Len: 581 Check: A7F
ACGGATAGCG GATCTGCGAC AGGGGCTGCT GGACATCAGC AACCATTTCA TCCCCTCTGC 60
TGGGCACTTT GGCTGGTAGA CTATTTTCCA TCCGAGTCTC CTCTTCAGCT TTTTCCGTTT 120
GCTCAGTTTT TGGTTCATCT TTCCTCTCAA ACTGTGATGC TTCCTGAGAC TGATGGTCTG 180
AAGGAGTACC TGGTCTAGCA GATGATGATG AGGTCTGGGG AGTTTCCTCA CTAGCTTCAA 240
CTCCTACTCT ATCTGTTTTC TCTCCTTCTT TCTTATTTGT CTTATCGGGT TCTTTGGCCT 300
CTTCATTATG GCTACCCTCA GAGTCAGAGC ACTCCTCCCC TTCGTCCACA GGCCGGAAGT 360
CCATCTCCTG CTCTTCTGGA ATAGGCTCTT TCTGTACTTT TTTTAGAGAA AGGAATGCTC 420
CAGATGAGTC AAATGTACCC ATTTCTTCTT CAGCATCCTC TAAGCACCAT TCGGGCAAGC 480
TATCCCTGTC ATCATCTATG CTTCCACTGC CAGAGCGAAC CCGATAAGAC AAATAAGAAA 540
GAAGGAGAGA AAACAGATCC GCTAGCAGAT CCGCTATCCG T 581

Name: 22 Len: 450 Check: C1B
CCAGAGTTTT ACATTACACT TGTCTGTCTT ATAATTGATA TTTTAGGATG TTTGGGTGTT 60
TGTTACAGGC AGAATTGGAT AGATACAGCC CTACAAATGT ATATGCCCTC CCCTGAAAAA 120
AATTGGATGA AAATCTGCAC AGCAAAGTGA AACACACAGA TAATAGGAAC AAAATGTAGT 180
TCCCATGTGC CAAACAAAAT AAATGAAATC TCTGCATGTT TGCAGCATAT CTGCCTTTTG 240
GGAATGTAAT CAAGGTATAA TCTTTGGCTA GTGTTATGTG CCTGTATTTT TTTAAAATGG 300
TACACCAGAA AAGGACTGGC AGTCTACTTC TACCATAGTT AAACTTCACC CTCTTTAATT 360
TCACAACATA TTCTTTGGAA GCAGGAAGAA ATGCTCATAA AGAGGATCAG ACCTTCTTTC 420
CCGTGAAACC AGTATTTGGC GCCATATATA 450

Name: 220 Len: 372 Check: B74
TTTGAACATA ATAGCACGAT GTTGGAATCC GACTTGGGGA CCATGGTGAT AAACAGTGAG 60
GATGAGGAAG AAGAAGATGG AACTATGAAA AGAAATGCAA CCTCACCACA AGTACAAAGA 120
CCATCTTTCA TGGACTACTT TGATAAGCAA GACTTCAAGA ATAAGAGTCA CGAAAACTGT 180
AATCAGAACA TGCATGAACC CTTCCCTATG TCCAAAAACG TTTTTCCTGG ATTAACTGGG 240
AAAGTTCCTC CAAGATGGGA GACTTTTTGA CTTTTTTTGG AAAAATCTTA AGTTTTAGGN 300
AGGAACTTAC CAGGTTGCGG GTTTAAAAAG GCACTTGGGA CCCCCATGGT TGGGGAACGG 360
GGNGGTTAGG GA 372

Name: 221 Len: 448 Check: 77C
TTTTTTTTTT TTTTATGATG CACTCCAAGT GCCATATGTC TATTTTATTC TTCAGGAAAT 60
TATATTTTTC TTTTACAAGA GCACAACAGG AACCAAAGTA AAAGAGTAAT AGATACAGCA 120
CTCAGGATAA ATCATATCTT TAAAATAATA ATAAAAAAAT TTACACCTTG TCCTATATCC 180
TGTTAGTATT TTCATAATAT GGCCATGATT GAAAAAACAA AAAGCAAGCA TCTACAATTT 240
TTTTTGATAA AGACTTTTTA TGCCAGGAAT GGATTAATTA CCAACAAAAT TTATACTAAT 300
CAGGCTGATG TCAATCTATT TTTGTAATGT ATCATTAACA AATTTATTTT GGAAAAGATA 360
AAAATATTGC CCCTTGATAA TAAATCTTTT TTTCCTTTGA TGCAAACAGC TAGAACACCT 420

22

443

TTTTCTTTTT CTTTTTGATA TTCTAAGA

Name: 222 Len: 373 Check: A98

GTTGCACATG CCGTCGGCCA TGACTGTGTA TGCTCTGGTG GTGGTGTCTT ACTTCCTCAT 60
CACCGGAGGA ATAATTTATG ATGTTATTGT TGAACCTCCA AGTGTCGGTT CTATGACTGA 120
TGAACATGGG CATCAGAGGC CAGTAGCTTT CTTGGCCTAC AGAGTAAATG GACAATATAT 180
TATGGAAGGA CTTGCATCCA GCTTCCTATT TACAATGGGA GGATTAGGTT TCATAATCCT 240
GGACCGATCG AATGCACCAA ATATCCCAAA ACTCAATAGA TTCCTTCTTC TGTTCATTGG 300
ATTCGTCTGT GTCCTATTGA GTTTTTTGAT GGCTAGAGTA TTCATGAGAA TGAAACTGCC 360
GGGCTATCTG ATG 373

Name: 223 Len: 386 Check: 824

GGCACGAGGC TTCAAGCTAC TGCGGAAATG CATCCTGCAG ATGACCCGGC CTGTGGTGGA 60
GGGGTCCCTG GGCAGCCCTC CATTTGAGAA ACCTAATATT GAGCAGGGTG TGCTGAACTT 120
TGTGCAGTAC AAGTTTAGTC ACCTGGCTCC CCGGGAGCGG CAGACGATGT TCGAGCTCTC 180
AAAGATGTTC TTGCTCTGCC TTAACTACTG GAAGCTTGAG ACACCTGCCC AGTTTCGGCA 240
GAGGTCTCAG GCTGAGGACG TGGCTACCTA CAAGGTCAAT TACACCAGAT GGCTCTGTTA 300
CTGCCACGTC CCCCAGAGCT GTGATAGCCT CCCCCGCTAC GAAACCACTC ATGTCTTTGG 360
GCGAAGCCTT CTCCGGTCCA TTTTCA 386

Name: 224 Len: 593 Check: 106B

GGCACGAGGA TTGCACACCT AAACCTTCGA GATCATCAGC TGCCTTTCAA ACATTTAATT 60
GGCCAGGTTA TGATTGACAA AAATCCAGGA ATCACCTCAG CAGTAAATAA AATAAATAAT 120
ATTGACAATA TGTACCGAAA TTTCCAAATG GAAGTGCTAT CTGGAGAGCA GAACATGATG 180
ACAAAGGTTC GAGAAAACAA CTACACCTAT GAATTTGATT TTTCAAAAGT CTATTGGAAT 240
CCTCGTCTGT CTACAGAACA CAGCCGTATC ACAGAACTTC TCAAACCTGG GGATGTCCTA 300
TTTGATGTTT TTGCTGGGGT TGGGCCCTTT GCCATTCCAG TAGCAAAGAA AAACTGCACT 360
GTATTTGCCA ATGATCTCAA TCCTGAATCT CATAAATGGC TGTTGTACAA CTGTAAATTA 420
AATAAAGTGG ACCAAAAGGT GAAAGTCTTC AACTTGGATG GGAAAGACTT CCTCCAAGGA 480
CCAGTCAAAG AAGAGTTAAT GCAGCTGCTG GGTCTGTCAA AAGAAAGAAA ACCCTCTGTG 540
CACGTTGTCA TGAACTTGCC AGCAAAAGCT ATAGAGTTTC TTAGTGCTTT CAA 593

Name: 225 Len: 477 Check: 2689

GTAAGTTCAG CGCGCCCGCT CCGGCCGGCC CTGCGCCTCC CGCCGCGCCC GGGATGTATT 60
CGTCCCCGCT CTGCCTCACC CAGGATGAGT TCCACCCGTT CATCGAGGCC CTGCTGCCTC 120
ACGTCCGCGC CTTCGCCTAC ACCTGGTTCA ACCTGCAGGC GCGGAAGCGC AAGTACTTCA 180
AGAAGCACGA GAAGCGGATG TCGAAGGACG AGGAGCGTGC GGTCAAGGAC GAGCTGCTGG 240
GCGAGAAGCC CGAGGTCAAG CAGAAGTGGG CGTCGCGGCT GCTGGCCAAG CTGCGCAAGG 300
ACATCCGGCC CGAGTGCCGC GAGGACTTCG TGCTGAGCAT CACCGGCAAG AAGGCGCCGG 360
GCTGCGTGCT CTCCAACCCC GACCAGAAGG GCAAGATGCG GCGCATCGAC TGTCTCCGGC 420
AGGCGGACAA GGTGTGGCGG CTGGACCTGG TCATGGTCAT CCTGTTCAAG GGCATCC 477

Name: 226 Len: 299 Check: DE7

GCCAAAGCTC AATACCCCAT TGCTGATTTG GTAAAGATGC TCACTGAGCA AGGCAAAAAA 60
GTCAGGTTTG GAATTCACCC AGTTGCAGGC CGAATGCCTG GNCAGCTTAA TGTGCTGCTG 120
GCTGAGGCTG GTGTGCCATA TGACATTGTG TTGGAAATGG ATGAGATCAA CCATGATTTT 180
CCAGATACTG ATTTGGTCCT TGTAATTGGA GCTAATGACA CTGTTAATTC AGCAGCTCAA 240
GAAGATCCCA ACTCTATTAT TGCAGGCATG CCAGTCCTTG AGGTCTGGAA ATCAAAGCA 299

Name: 227 Len: 390 Check: 2565

GAGTGAAGGA GTTGAAACTT TTCTTGTTAG TGTACAACTC ATTTTGCGCC AATTTTCACA 60
AGTGTTTGTC TTTGTCTGAA TGAGAAGTGA GAAGGTTTTT ATACTCTGGG ATGCAACCGA 120
CATGTTCAAA TGTTTGAAAT CCCACAATGT TAGACCAATC TTAAGTTTCG TAAGTTATTT 180
CCTTTAAGAT ATATATTAAA CAGAAATCTA AGTAGAACTG CATTGACTAA CCAGTCCCTC 240
TGGATGGTGG TGAACCTGAA GCATGCTTTA ACCTCTAAGA CTGTCTAACA CGCGTTTCAT 300
TCAATGTCTC CACAGACTGG GTAGCAAAAA AATCACCTTT TAGTTTTAGT TTTTAATCTA 360
AAGATGTTAG ACAGATGCTG AGTGTGCGTT 390

Name: 228 Len: 423 Check: 1661

TTCCTCTGTC GGGTGTGGCC AAGTGGGGAT AAAGAGAAGA GCAACATCTC TAATGACCAG 60
CTCCATGCTC TGCTCTGTAT CTACTTGGAG CACACAGAGA GCATTCTGAA GGCCATAGAG 120
GAGATTGCTG GTGTTGGTGT CCCAGAACTG ATCAACTCTC CTAAAGATGC ATCTTCCTCC 180
ACATTCCCTA CACTGACCAG GCATACTTTT GTTGTTTTCT TCCGTGTGAT GATGGCTGAA 240
CTAGAGAAGA CGGTGAAAAA ATTGAGCCTG GCACAGCAGC AGACTCGCAG CAGATTTCAT 300
GAAGAGAAAC TCCTCTACTG GGAACATGGG CTGTTCGAGA CTTCAGTATC CTCATTCAAC 360
TTGGATTAAA GGTATTTTGA TAGTTCATCC TGTTNCTGGC ATGTATGTTT GGAAGGGAAG 420
GAT 423

Name: 229 Len: 417 Check: 1300

TAGAAAAGAA AAGAAAACTT GAAACTAATC CTGATATTAA GCCATCAAAT GTGGAACCTA 60
TGGAAAAGGA GTTTGGGCTT TGCAAAACTG AGAACAAAGC CAAGTCGGGC AAACAGAATT 120

23

CAAAGAAGCT GTACTGCCAA GAACTTAAAA AGGTGATTGA AGCCTCCGAT GTTGTCCTAG 180
AGGTGTTGGA TGCCAGAGAT CCTCTTGGTT GCAGATGTCC TCAGGTAGAA GAGGCCATTG 240
TCCAGAGTGG ACAGAAAAAG CTGGTACTTA TATTAAATAA ATCAGATCTG GGTACCAAAG 300
GAGGATTTGG GAGAGCTGGG NTAAATTATT TTGAAGGAAA GATTTGCCCA ACAGTGGGTG 360
TTTCAGAGCC TCAACCAAAA CCCAAAGGGT TAAAGGGGGN GGTTTACCCA GGGTTTC 417

Name: 23 Len: 476 Check: 213A
CGTACTGCTT CCGATATGGT ATCGACATCC CGTATCTTAG TTGCAGTAGT GAAGATGTGC 60
TATGAGGCTA AAGAATGGGA TTTACTTAAT GAAAATATTA TGCTTTTGTC CAAAAGGCGG 120
AGTCAGTTAA AACAAGCTGT TGCCAAAATG GTTCAACAGT GCTGTACTTA TGTTGAGGAA 180
ATCACAGACC TTCCTATCAA ACTTCGATTA ATTGATACTC TACGAATGGT TACCGAAGCA 240
AGATTTATGT TGAAATTGAG CGTGCGCGAC TGACTAAAAC ATTAGCAACT ATAAAAGAAC 300
AAAATGGTGA TGTGAAAGAG GCAGCCTCCA TTTTACAGGA GTTACAGGTG GAAACCTACG 360
GGTCAATGCA AAACAAAGAG CGAGTGGAAT TTATTTTGGA GCAAATGAGG CTCTGCCTAG 420
CTGTGAAGGA TTACATTCGA ACACAAATCA TCAGCAAGAA AATTAACACC CAAATT 476

Name: 230 Len: 441 Check: 1340
CAGTTTCATG TATTTGAATC GACAAGACAC CTCCCTCGAT TCTCCATGTA TGCGCTGACC 60
AGCCTGGACC CTGCCAGTCA GCCAATCAGT TATGTTAACT TTACCATTGC AGAACGGGCA 120
CAGAGGGTTG TTGTATGGCT CGGTCAGAAC TTTCTGTTAC CAGAAGACAC TCACATTCAG 180
AATGCTCCAT TTCAAGTGTG TTTCACATCT TTACGGAATG GCGGCCANCT GCATATAAAA 240
ATAAAACTTA GTGGAGAGAT CACTATAAAT ACTGATGATA TTGATTTGGC TGGTGATATC 300
ATCCAGTCAA TGGCATCATT TTTTGCTATT GAAGACCTTC AAGTAGAAGC GGATTTTCCT 360
GTCTATTTTG AGGGAATTAC GGAAAGGTGC TAGTTAAGGT GGATGAATAT CCTTTCAGTG 420
CATTCAGAAG CTCCAGTGCT T 441

Name: 231 Len: 333 Check: 8BC
GGTGTCCCAG GAAGTCAGCC ATTACTCCCC AGTGGAATGG ATCCAACTCG ACAACAAGGA 60
CATCCAAATA TGGGTGGGCC AATGCAGAGA ATGACTCCTC CAAGAGGAAT GGTGCCCTTA 120
GGACCACAGA ACTATGGAGG TGCAATGAGA CCCCCACTGA ATGCTTTAGG TGGCCCTGGG 180
AATGCCTGGG AATGAACATG GGTCCAGGTG GTGGTAGACC TTGGCCAAAC CCAACAAATG 240
CCAATTTCAA TTACCATACT CCTTCAGCAT CTCCTGGGGA ATTTATTGTT AGGTCCTCCA 300
GGGAGGTTGA NGGGCCACCA GGGNACACCC TTC 333

Name: 232 Len: 402 Check: 1753
CCCTTTACAC AGACTCACTT GTCACTCACT GCCATAGAGT ACAGCCACAG CCACGACAGG 60
TACCTACCAG GTGAAACCTT TGTCCTGGGG AATAGTCTGG CCCGCTCCTT GGAACCACAC 120
TCAGACTCAA TGGACTCTGC CTCAAATCCC ACCAACCTTG TCAGCACCTC CCAAAGGCAC 180
CGGCCCTTGC TTTCATCCTG TGGCCTCCCA CCAAGCACTG CCTCAGCTGT GCGCAGGCTA 240
TGCTCCAGGG GGTCGGACCG ATACCTGGGA GAGCCGCGAT GCCTCTTCGA CTGAGTGGCC 300
GGGACCCCTT CCTTCATGGG ACAGTTCGAG GATGTTGATT GCAGTTTTGT TCCGGGGAAG 360
GTTGATTCCT CAGGTTTGGG ACCCCAAGGT TGAACCTGTT TT 402

Name: 233 Len: 492 Check: 1260
TGGGATCATA AGGAGCCCTT AAATACTTGT TATTGACTGG GGTTATTTTT ATGCTGTAGC 60
AAATGTGACA GGCTCTTTTT AGCAAAATTT TTGAAAATTT TTTTGGTATT ACTCTGAAAC 120
AAAATTTAAG TTGGAGTTTC AGGGATTTAG GGAGTAGTTT TCATTCTACA TGAACTGAGG 180
TAATATTATG GTAACTCCAA TATTTGGTTA AAAAAACTAT ACAAATCAGA ATAGTACTAA 240
AATACTGTAG GAATTTTAGG CATTTTTATT TTGCACTTTG TGTGGGATTG AGGGTGTTCA 300
GGAAATACCC AACCCATTAA AAATGTAATC TAGTTGGGCC AAAGGGTGTG CGGCTTAAAA 360
CACGGGAACC CGAACNTGGC NTTGGNTTGG GGNTAACTTT TTGAGGGGTT TTTTGTCCAA 420
NAGGCCNTGT GGAGGAGTTA CCATTTTTCN TTAAAGGTTG GGTGGGTCCC CCTGTCCAGA 480
GTTCTNGGGG AC 492

Name: 234 Len: 321 Check: 7
CGTGGCACTC CACCAGCTCT ACCAATACAC GCAGAAGTAC TATGACGAGA TCATCAATGC 60
CTTGGAGGAG GATCCTGCCG CCCAGAAGAT GCAGCTGGCC TTCCGCCTGC AGCAGATTGC 120
CGCTGCACTG GAGAACAAGG TCACTGACCT CTGACCTACA ATCTCCAGTG CTGCCTTGGG 180
ACATAGGTAC CTGAGGTACC TGAGAGCCCC TCAGGGANGG NGGCCGAGTG GCTGTGGCTG 240
AGGCCCCCAC CCTCCCCTGG GAACGCGCCC CAAGCCGGAN TGGGTGCAGC CGGAACCCGN 300
CCAGCGTTTT AGACTGTAGC A 321

Name: 235 Len: 359 Check: 1B4B
GCTTGCTATG AAGCAGTGTG TGAATGGACA ATGTTGAATG AATGTCTGGC TCAGTGATGG 60
AGAGCCAGGT TCATCTTTGA AATCTAGGGC TCTTCACTCA TGAAGCAGAC TCCTAGTCCT 120
GGAGTGACTG TGTACGAGAG CGTGGTTGTG GTGCTGTATG TGAACGCATG CAAGCTTGAT 180
TCACCTTCAG GGGGCTGATA ACCTAGTAAA TCATCAAAAT GAGATCATAA GTGTTAATGT 240
ACACTGGACA TGAAAACAAA GACTGGTTTA GCAGCAGACA TTGGTTTACT CTGCAGCCTG 300
TGTTTTCTGT TTCCCCCTTT CCCACCTCCT TCCCCCCACC CAATCCTTTT TTTTTTTTT 359

Name: 236 Len: 306 Check: 3C9

24

GTGATGATGG GCAGCCTGGT GTACCTGCGG CTGGGCTTGG AGAAGTCACC CTACTGCCAC 60
CTGCTGGACA GCAGCCACTG GGCAGAGATC TGTGAGACCT TTACCCGGGA CGCCTGTTCC 120
CTGCTGGGGC TTTCTGTGGA GTCCCCCCTT AGCGTCACTT TTGCCTCTGG CTGTGTGGCG 180
CTGCCTGTGT TGATGAACAT CAAGGCTGTG ATTGAGCAGC GGCAGTNCAC TGGGGTCTGG 240
AATCANAAGG ACGANTTACC GATTGAGATT NAACTAGGCA TGAAGTNCTG GTACCACTCC 300
GTNTTC 306

Name: 237 Len: 395 Check: 23DC
GTCAAAATAT TACAGTAGAA TCTGAGTGTA ATATGTGTAA CCAAAATGAG AAAGAATACA 60
AGAAATGTTT CTGGAGCTAG TTATGTCTCA CAATTTTGTA GAATCTTACA GCATCTTTGA 120
TAAACTTCTC AGTGAAAATG TTGGCTAGGC AAGTTCAGTT AAAATATAGT AGAAATGTTT 180
ATCCTGGTAT CTCTAAGTAT ACATTTAATT GTACAGAAAA TTTACAGTGT AACATTGTTC 240
AACATTTGCA GATTGACTGT ATATGACCTT AATCTTTGTG GCAGCCTGAA GGATCAGTGT 300
AGTTAATGCC NGGGGAAAGT GCTTTTTTAC CTAGGACTTC CNTTCTCAGC TTCTCCCCTT 360
AAAGAGACCC CTAANTATGG CCNTTTTGGN TTTGT 395

Name: 238 Len: 440 Check: 1545
GACAATCCAT TAATTCCAGC TGCGTGCATA GATCACATTT TTAAAATGTA AAAATGCAAG 60
CAAAAACAGC TGTAACAAAG AAAGTGTGCT CAAGGACCAA AGATTTAACA GATAAAAATA 120
CCCAATTAGA AGAGATATAG TAGACTATAT GAAGAGAGAT TATATTTGTT ACACACCAAT 180
ATACATCAAA GTGCCTGTTG CCTTCTGAAA ATTTGAAGTG GCAAAATTAT TTTATGGTTT 240
AATGATTATT TTATTTTATC AGGGACTGCC TCAAGAAGAA AATAACATAA GCTTGTGGAA 300
TGGGTGGGAG AAAATGCCCT ATTTTTTCTT GGCAAATACT TGTATTAAAG TTAACNTTGT 360
TGGATCNTGA TATTATCCTA GGGTACNGTG TATGTGTGTA TTAATTATAN GGTGTGTGTG 420
TANATTATAC CNTTTATATA 440

Name: 239 Len: 507 Check: 26EE
NGGCTCCTAT CAGTGCACCT GCCCTGATGG TTACCGCAAG ATCGGGCCCG AGTGTGTGGA 60
CATAGACGAG TGCCGCTACC GCTACTGCCA GCACCGCTGC GTGAACCTGC CTGGCTCCTT 120
CCGCTGCCAG TGCGAGCCGG GCTTCCAGCT GGGGCCTAAC AACCGCTCCT GTGTTGATGT 180
GAACGAGTGT GACATGGGGG CCCCATGCGA GCAGCGCTGC TTCAACTCCT ATGGGACCTT 240
CCTGTGTCGC TGCCACCAGG GCTATGAGCT GCATCGGGAT GGCTTCTCCT GCAGTGATAT 300
TGATGAGTGT AGCTACTCCA GCTACCTCTG TTCAGTACCG CTGCGTCAAC GAGCCAGGGC 360
CGTTTNTTCC TGGCCACTGC CCACAGGGTT TACCAGCTGN TGGGCCAAAA GGNTTTTGCC 420
AAGAACATTT GATTGAGTGT TGAGTTTGGT TGCGNAACAG TGGTTCCGAG GGNCCAAANT 480
TTGTTAAATT TCCATGGGGG TTAACGT 507

Name: 24 Len: 278 Check: DEF
AATTCGGCCC GAGGGTCCTT GGTGCAGATC CACGAAAAAA ACGGCTGGTA CACACCCCCA 60
AAAGAAGACG GCTAACCCTG GAGTATCACC CTTCCTCCCT CCCCAGGCAC CACTGGACCA 120
ATTACCTTTG AATGCTGTAT TTGGATCTCA CGCTGCCTCT GTGGTTCCCT CCCTCATTTT 180
TCCTGGACGT GATAGCTCTG CCTATTGCAG GACAATGATG GCTATTCTAA ACGCTAAGGA 240
AAAAAAACAA ACACAGGACT GTTTNAAAGT ACTCAAGA 278

Name: 240 Len: 369 Check: 1CF5
GAGACAGATG GCCCACCAGG AGCTGTTGCT CTGGTTGCCT TCCTGCAGGC CTTNGAGAAG 60
GAGGTCGCCA TAATCGTTGA CCAGAGAGCC TGGAACTTGC ACCAGAAGAT TGTTGAAGAT 120
GCTGTTGAGC AAGGTGTTCT GAAGACGCAG ATCCCGATAT TAACTTACCA AGGTGGATCA 180
GTGGAAGCTG CTCAGGCATT CCTGTGCAAA AATGGGGACC CGCAGACACC TAGATTTGAC 240
CACCTGGTGG CCATAGAGCG TGCCGGAAGA GCTGCTGATG GCAATTACTA CAATNGCAAG 300
GAAGATGGAA CATNCAAGCA CTTNGGTTGA NCCCATTTNA ACGATCTNTT TCTTTNGCTT 360
GCGAGGANG 369

Name: 241 Len: 248 Check: 1F04
AATCTAATTC AAATTGTCAA AGCTACAAAA GGGGGGAAGA CATCTGTATT ANTTTTGCTA 60
AGTCACAACA TCCTAAAACA AAATACTACT ACTGTCAGCA GATCCATTAT ACACATTTCT 120
GATGAAATCC ATTAGAACAA TAAAAATTTC ATCTTGAGAA ATAGCCACAA TGAAAGTAAT 180
TTACACAATA TAAAACAATG ACAGNTCTAC AGATGCAGTT GCTCATGAGT TTACACATGC 240
ATACACAA 248

Name: 242 Len: 288 Check: DC9
GTTTCCAAAA TTCACTGTAC ATGATCAGTT TGGTGTTCTT GTACCACAGT TTTTAACTGA 60
AGGAACCAGT TGTAACAGTC TCAATTTTAA CTAAAACTTG AAGAACTAAA ACAACAATGC 120
AAACCTTTCA GCATTGTTTG GCCAAACTTG TTAAAACTGT AATGCAAGAA CCAAATGCAC 180
TGTGATGTGG CACCAACTAA TTAGCAAGCA TGAHTTTYTC ACCCAAGAGT GAAAAARGGA 240
AAATCTACCA TGGCTTGAAG TTAAAGRGCA GAMCTCCTGA CTACCATT 288

Name: 243 Len: 423 Check: 1FE0
AAAGAGTTAA GGAAGGCAGG TTGTNCTTCT ATTCAGGNCA CTCTTCGTTT TNCATGTACT 60
GCATGCTGTT TGTGGCACTT TATCTTCAAG CCAGGATGAA GGGAGACTGG GCAAGACTCT 120
TACGNCCCAC ACTGCAATTT GGTCTTGTTG CCGTATCCAT TTATGTGGGC CTTTCTCGAG 180

TTTCTGATTA TAAACACCAC TGGAGCGATG TGTTGACTGG ACTCATTCAG GGAGCTCTGG 240
TTGCAATATT AGTTGCTGTA TATGTATCGG ATTTCTTCAA AGAAAGAACT TCTTTTAAAG 300
ANAGAAAAGA GGAGGACTCT CATACAACTC TGGCATGGAA ACACCAACAA CTGGGGAATC 360
ACTNTGCCGA GCCAATCACC AGCCTTGAAA GGCAGCCAGG GTGCCNAGGT GAAGCTGGCC 420
TGT 423

Name: 244 Len: 460 Check: 1420

CCAACAGTAT CTCCTGCATC AAACGCCTCT CTGGGCTCCT CAAAGTCCTT GATATCATGC 60
CCTTGACCCT GCATGCCTGT ATGCACCAGA AGCAGAGGCT CAGAAACCTG GAGCAGTTTG 120
CCCGTCTGGA AGACTGTGTT CTCTTGGCAA CAGATGTGGC AGCTCGGGGT CTGGATATTC 180
CTAAAGTCCA GCATGTCATC CATTACCAGG TCCCACGTAC CTCGGAGATT TATGTCCACC 240
GAAGTGGTCG AACTGCTCGA GCTAGCAATG AAGGCCTCAG TCTGATGCTC ATTGGGCCTG 300
AGGATGTGAT CAACTTTAAG AAGATTTACA AAACGCTCAA GAAAGATGAG GATATCCCAC 360
TGTTCCCCGT GCAGACAAAA TACATGGGAT GTGGTTCAAG GAGCGAATCC GTTTTAGCTC 420
GACAGATTTG AGGAATCTGA GTATTCGGAA CTTTCCNGGT 460

Name: 245 Len: 2533 Check: B49

CCAAGCCCAT GAGGGCCGCG CGCCCGGCCG CCGGTGCTGA CGAGACGGAG CTCCTGGCCC 60
CCGAGGAGGA GCAGAGGATC AATGCGGTTC AAGAATCGAT TCCAGCGGTT CATGAACCAT 120
CGAGCTCCAG CCAATGGCCG CTACAAGCCA ACTTGCTATG AACATGCTGC TAACTGTTAC 180
ACACACGCAT TCCTCATTGT TCCGGCCATC GTGGGCAGTG CCCTCCTCCA TCGGCTGTCT 240
GATGACTGCT GGGAAAAGAT AACAGCATGG ATTTATGGAA TGGGACTCTG TGCCCTCTTC 300
ATCGCTTCTA CAGTATTTCA CATTGTATCA TGGAAAAAGA GCCACTTAAG GACAGCGGAG 360
CATTGTTTTC ACATGTGTGA TAGAATGGTT ATCTATTTCT TCATTGCTGC TTCTTATGCT 420
CCATGGTTAA ATCTTCGTGA ACTTGGACCC CTGGCATCTC ATATGCGTTG GTTTATCTGG 480
CTCATGGCAG CTGGAGGAAC CATTTATGTA TTTCTCTACC ATGAAAAATA TAAGGTGGTT 540
GAACTCTTTT TCTATCTCAC AATGGGATTC TCTCCAGCCT TGGTGGTGAC ATCAATGAAC 600
AACACCGATG GACTTCAGGA ACTTGCCTGT GGGGGCTTAA TTTATTGCTT GGGAGTTGTG 660
TTCTTCAAGA GTGATGGCAT CATTCCATTT GCCCACGCCA TCTGGCACCT GTTTGTGGCC 720
ACGGCAGCTG CAGTGCATTA CTACGCCATT TGGAAATACC TTTACCGAAG TCCTACGGAC 780
TTTATGCGGC ATTTATGACC AATCTGTACT AATTCTCCAA ACCAGTATTA TTTCAATTAT 840
GGCACTTGGG AGTGGGGTGA GAGCTAAACA TTGCACAGGG CAAAGAAAAA AAATAACTGC 900
ACTGACTTTA TATCTTTTGA ATATAATTAC TGTGAAAGTA TAAAGGCTGT GTTCTGGAAT 960
TTTCTGCCTC ACAGCAAATA AATAAGGTAG TGAATTAATT ATTCATTCCA TTCCACTATC 1020
ATGAAGGACT CTGAATAGAC TTGGCCAACT GATGTTTACA AACCAGACTT TTATATTTTA 1080
ATTTTACAGA TTTTACTACA TGATTTTTCT AAATTACTAT GTCAGGTTGT AAAAGTCAGT 1140
GCAATAACAA ACCTTCCTTT TTAAGAAGAA AATTGTTTCT ATTACTTTCC CATTCACTAG 1200
GTAAAGAATC ATGGACAGAA CTTACACTAC TTTTTACCAT GTTTCATCTT GGCATAACAT 1260
GGTTCTTTTT TAAATAGAAA CTTTAGTTTT TTGTAAATTT TTAAAAAAAT ATTTCATTGA 1320
TATGCATCTC TGCAGGTCCT CATTCATGTT GTAAATTTTT GGAGCAAGCA GTCAACATTC 1380
CACAAACGAA CAAACATTAT ACCTCTTCTG ATAGTTTTAT TAAGCATGGA GAAATTGCCA 1440
ATTTTTAAAA ACTGCAGTTT TCCAAACTTT TCTGCCAACC TCTTACTCTG AATTCAGTGC 1500
TGCTTTGGGA CATATACTTG ACCTAGCTTG GTTTACCAGT GATGGAAAAG TATTTTGATA 1560
TCATTAACTT TTTCAAAAGA TCCAACTTTT TCTCTATGCC TTTGCCACAT TCTCTTCAGG 1620
GTCTCTTTCC ACAGCGGATA AATGTTTTTT CTGTATTATG ACAGTATTGT TGTGATGGCC 1680
ATCTGCTGGA AACTCCTGAA GAGCATTATG TATTACAGTG AGCAGTTGTA TTGCCTGTTT 1740
GGTGCCCAAT GGTTAAGTCA TTGTCACTTA GCTTTATATT GTCAGTTTGA TATTTATTTT 1800
AAATTGTGGA ACTAGATGCA TAAATTCACA TTTCTGCCTT TCCTTTGCAT CTTCTCATAT 1860
ATTGTGTTTT TTTTTTTTTT CCTAGAAAAA ATATTTAAAG CATTGTTTGA CAGGTAGAAA 1920
CTCATGTATC TGTAGTCCAT GAGTTATATC CTGGCTCAGT GGAGTGATAT TTATGTATTA 1980
TTTTTACTTT TCTCTCAGTG TCTTATATTA AGATTAACAT GTTGTTAATA GTTGCTTTGT 2040
TGATTAATCT CTCTTGTTGG TGTTTTAATA AATGAAATAG GCTTGCCTTT AGATCGGGTG 2100
CTGATATTGC CTGTTTCCTA GTAATGGGCT GATCAAATGA TCAGTGGAAT TCTTGGTTTG 2160
ATGATAACCT TATTAATTGA AATTTTTTAC TGATGTGGCT TTAAAAGAGG TTTATTTTGT 2220
ATATGTTTAG AACTCTCTGA TTTTGATGAA TTATATGGGA GTGAGAAACA GAAGAAGTGG 2280
TATTTGCTGG CGAGTTAAAT AGGCAAGGTA CCCAGTGATA ACACCAACCA AACCACTCCT 2340
ATCTGCATGA TTCTGAACAT CTGGATGCCT GTTGTTTTAC TGTGTATATT TTATTTTTAA 2400
TATATTAACT TTGTGGATTC ATTTAAGGTC TACTCAAAAG TAACACTGTC CAAACCACTA 2460
ACATGTATGT AAAAATTGTG CTGTATACTA CAATAAAGTT GTTACTTGGA TTTGTTCCAA 2520
AAAAAAAAAA AAA 2533

Name: 246 Len: 6072 Check: 1F2E

GGTGGTCGGC GGGGAGGCCC CCGCGCTTTA AAATAATGCC CGCGGCGCCC GCGCGACCAT 60
GCAATGGCGA GCGCTCGTCC TGGGGCTGGT GCTCCTCCGG CTTGGCCTCC ATGGAGTATT 120
GTGGCTCGTC TTCGGGCTGG GGCCCAGCAT GGGCTTCTAC CAGCGCTTTC CGCTCAGCTT 180
CGGCTTCCAG CGTCTGAGGA GCCCCGACGG CCCCGCGTCG CCCACCTCGG GGCCCGTGGG 240

CCGGCCTGGG GGGGTATCCG GGCCGTCGTG GCTGCAGCCG CCGGGGACCG GGGCAGCGCA 300
GAGCCCGCGC AAGGCTCCGC GGCGTCCTGG GCCGGGGATG TGCGGCCCAG CCAACTGGGG 360
CTACGTGCTG GGCGGCCGGG GCCGCGGCCC GGACGAGTAC GAGAAGCGCT ACAGCGGCGC 420
CTTCCCTCCG CAGCTGCGTG CCCAGATGCG CGACCTGGCA CGGGGCATGT TCGTCTTTGG 480
CTACGACAAC TACATGGCTC ACGCCTTCCC CCAGGACGAG CTCAACCCCA TCCACTGCCG 540
CGGCCGTGGG CCCGACCGCG GGGACCCTTC AAATCTGAAC ATCAATGATG TACTAGGGAA 600
CTACTCATTG ACTCTTGTTG ATGCATTGGA TACACTTGCA ATAATGGGAA ATTCATCCGA 660
GTTCCAGAAA GCAGTCAAGT TAGTGATCAA CACAGTTTCA TTTGACAAAG ATTCCACCGT 720
CCAAGTCTTT GAGGCCACGA TAAGCGTCCT GGGAAGCCTC CTTTCTGCTC ACAGAATAAT 780
AACTGACTCC AAGCAGCCCT TTGGTGACAT GACAATTAAG GACTATGATA ATGAGTTGTT 840
ATACATGGCC CATGACCTGG CGGTGCGGCT CCTCCCTGCT TTTGAAAACA CCAAGACAGG 900
GATTCCATAT CCTCGGGTGA ATCTAAAGAC AGGAGTTCCT CCTGACACCA ATAATGAGAC 960
ATGCACAGCG GGAGCCGGTT CCCTCCTGGT GGAATTTGGG ATTCTGAGTC GACTCCTGGG 1020
GGACTCCACA TTTGAGTGGG TGGCCAGACG AGCAGTGAAA GCCCTTTGGA ACCTCCGGAG 1080
CAATGATACA GGATTACTAG GCAATGTCGT GAACATTCAG ACGGGCCACT GGGTTGGAAA 1140
GCAGAGTGGC CTGGGTGCCG GGCTGGACTC CTTCTATGAA TACCTCTTGA AATCTTACAT 1200
TCTCTTTGGA GAAAAAGAAG ACCTAGAAAT GTTTAATGCT GCATATCAGA GTATTCAGAA 1260
CTACTTAAGA AGAGGGCGGG AAGCCTGCAA TGAAGGAGAA GGAGACCCTC CACTCTATGT 1320
CAACGTGAAC ATGTTCAGTG GGCAGCTGAT GAACACCTGG ATTGACTCTC TGCAGGCCTT 1380
TTTCCCTGGA CTGCAGGTGC TGATAGGAGA TGTGGAAGAT GCCATCTGCC TTCATGCCTT 1440
CTACTATGCC ATATGGAAAC GATATGGTGC CCTCCCTGAG AGATATAACT GGCAGCTGCA 1500
GGCCCCTGAC GTTCTCTTCT ACCCACTGAG ACCAGAGTTA GTGGAATCCA CATATCTCCT 1560
CTACCAGGCA ACCAAGAATC CCTTCTACCT CCATGTAGGA ATGGATATTC TGCAGAGTCT 1620
GGAAAAGTAC ACAAAAGTCA AGTGTGGGTA CGCCACGCTG CATCACGTCA TTGACAAGTC 1680
CACAGAAGAC CGGATGGAGA GCTTCTTTCT CAGTGAGACC TGTAAATATT TGTATCTGCT 1740
GTTTGATGAA GACAATCCAG TACACAAGTC TGGAACCAGA TACATGTTCA CAACAGAGGG 1800
ACACATTGTA TCTGTGGATG AGCATCTTCG GGAATTGCCA TGGAAGGAAT TCTTCTCTGA 1860
AGAGGGAGGG CAGGACCAAG GGGGAAAGTC TGTGCACAGG CCGAAACCTC ATGAGTTAAA 1920
AGTCATCAAC TCCAGCTCCA ACTGCAATCG TGTACCTGAT GAGAGGAGGT ACTCCCTGCC 1980
CTTAAAGAGC ATCTACATGC GACAGATTGA CCAGATGGTT GGTTTGATTT GATCTGCTCT 2040
CTGTGAGGCC TCATCTTGAA CCAGACCTTA ACGACCAAAC CCAGACCATG CCAAAGTCCA 2100
GTCTGAAATG AAAGGGGACA GAAGTCTTGC TGTCCATGGT GGTGTAGGAA TTTCTGTGCA 2160
ACACCTCACC ACGTCTGGTT AATCCTTGCA CACTTCAGTG TTTCTCTCCT GTTCAATAAA 2220
ATGCCCTGTT AAGGATATAA TTTGAAGTGA GAAGATACAT GGAAATTGCC CTCTTATGAC 2280
ATGTTGATGT TATAAGCACA ATAGATGGGG CATCTTTGGA TTGATGTTCA CAGCTTTATA 2340
CTTCAGAACC TAAGTCTCTT CACTTTGCTG GCACCTGCTA TACTGGAGTA TTGCTATGTC 2400
TTTAAAAAAT TTTTTTTTAT TATATTTTAT TTTTTTGAGA CAGGGTCTTG ATATTTTTTT 2460
GGGACAGGGT TACCTGGGCT CAAGTGATCC TTCTGCCTCA GCCTCCCGAG TAGCTGGGAT 2520
TACAGGTGAG CACCACTGTA CCTGGCTAGC TACTTCTTTG TTAGAGGATT GAGAATGAAA 2580
TTTCTGCAAA AGGGCCCATG GTTCATTTGG TATCCCTATT TAATTGCATT GAAAATGTCA 2640
TCCTTTCTGT TGTTAGATAA TTGGGGTCTT CCCCTGATAT CCAACCGTGA TTTTGGATCA 2700
CATGGGAGAA AAAGTCATCC AGTTTTTCAT GTTTGCCTCA AGTAATCTTT ACAGTGTTAC 2760
AAATTATTTG CTTAAGAAGA ATGGTCTTAA CCAGAATTCT TAACAGATAG TCTCTTAGGT 2820
TATTATGTTA TGGTCTAAGA GGTTAACTGA CATCTTTTGG ATGGTATTTT GCATTTTGAA 2880
TATGAACTTA CCTGAGGAAC TCCCATAGTT CCAGAATCAG GTGCCTTTTA GGGAGAGAAC 2940
AATACCTAAG ATTGTCTGAG CTTCCATCTT TCTCATATTT CCTAAGCAAG GATTCTCACT 3000
TATGACCATA TTTGGGTTAG AGTTCTGTTT TGTTTCTGTT TTCTGTGTCT AGTGCCAATT 3060
AGCTAAATCA GGGAGAAAGA AATGATCACA TGACTTTTAG CATCCTTGAG CCATTTCTCT 3120
GTGTAATACA GGCTTTAGAT TAGTGCCTTA TATTGGTTTT GGTTTGGGGC ACTGGTGAAG 3180
GCAGCTACTG CTATGGTTTC AGGAGGCCTG TTTAGCCACA TGGTGAGACC GTGGTGAAAG 3240
GGGGATGGAA ATTGCTTGGC CAGTCTTTGC CTTTCATCCT GTAAAAGTAA GCATGTAGAA 3300
GGAGGAAGTT GTGCTAAAAT GCCTTTGTTT TTTTGTTATT ATTTTCTTAG CCAGAACATC 3360
TCTCTTTGAA CTCACACTGA TACACACCTG CTACTCTTAC ACAGTGCAGC AGGGCTGACT 3420
CTTAGTCTGG CTTCCATGAA GCGTCATGGG TGGAAACGCA TTCTAGTAAA AAAGGTAGGA 3480
AATCCCTAAA ACTTCCAGCC TCACATAGCA CGGTTCTCAC CTGTCACTGT TTTCCCACCT 3540
CTAAGGATTT CATGTACATC TTTTCAAAGC TAGAAATAAG CACTGTCTAA GTTTATGTTG 3600
CATTTTTAGT CAAAAGGGAG AAATCTTATT CCTTCTTGAA AATTTTAAGT GTTATGGTTT 3660
TATATAGTTC AGTTCTTTGA GATTTTTGAA AAGAGTATTT TCAGTAATAA ACGTGCCATC 3720
TCTATCTCTT AAACATTTAT TACAACAATT GTTTTAAAAT AGAAAAAATA AAATGCTTCT 3780
ATTTTACCTT TTTTCATTTC AGAAGCATTA TTCTGTTTAT TAACAGTGTC CCATCTACTG 3840
AATAGAAAAC TTTGAGAATA ATATATATAT ATATTTTAAA TGTTTTCACT GACTCATTGA 3900
AAATGTTAAT TACACACACA TGCATGCATG CACACACGAG CATACTTGTA CCTTTGTCTC 3960
TGGGCAAACA GGTGGGACTG TTAGTGACCC ATTTGGGAAA ATAGAGCATC TCAGAGAAGG 4020

27

AGGTGAGTTC TTCCTGCCTG TGATTTCTCT TGGCGCTCCC CTCCTCTCCC GCTCTGGCTT 4080
CTGTGGCGGC AGTGGTGGGT AAGCACTCCA GTGTTCTCTT AATGAGGCAC TTTGCCTGTC 4140
ACTCGAGCAA GCCTGGGTGT TCCTTCCTCC TCATGCTCCT GGAATAGGGA ATAGGGATCT 4200
CATGCTTGCA AACTACACAA TGCTGCAGGT GCTTCCCAGG GGCCACAGGC TGTCAGGAAA 4260
CGTGTTTTAT GTTAAGTCAC AAACCCACTT GACTTCTGGG TACTGGAATT AATACCAGTG 4320
GGTGAGACTG AGGGTGAGTG AGTTAGTACA TATTAATCCT GGTTGTTGAG CTTCCAGACT 4380
ACCCCGTCCA AAGTTTGATG CTATGTAGTC AGTGGTTTGT GGGGCTGGAT GCCAGAAGGT 4440
TCTTTGAGCC AGTTTCAAAG GTTACTTGTT TTTTTTTTTT TTTTTTTAAG TCAGAATGTT 4500
AACAGCTGTG ATATATCCTG CAGGGCTTTT GCAGTTTCTT CTGTTCTGTG TTCTGAAATC 4560
CTGGGTAGAG AATGGCTGAG GAGGAGATTA CCAGAGAAGT TGCTTTGCTC AGTGCTTTGC 4620
CCCAGGATTG CCTCAAATCT GAGTGGACTT CATCCTTTGC GGCGGCTCTG AGCCTGGCCC 4680
ATCTTCCTAT TCCCACGTGT AGCTAGTGTC TAGTGTCAGC TTTGCTCAAT GTGGTGGAAA 4740
CATTTTGCAG AACTGTTGTA GAAAGCTGCC TTATAGTTGG CTTGACAAAG CATAATTCTC 4800
TCATAACAAA CTTTCAAATC ATTACAGTAG CTTAGCTACT TTAGTTGATG TGACCGAGGA 4860
ATCCCTTCTA GAATCATAGG TGGCAAGGGA GGGTTTGCTA GCTCTCCATT TGCACTGGCC 4920
ATTGTGAAAA ACCAGCTTCT GTATTCAAAT CTTTCCTTCA TTTTTTTAAA TTTTTTTTTT 4980
GGCAGCGCTT GTGCTGGAAC TTACTCATTG TAACTGAATC CTCAGGGCTT TTCTTGTTTT 5040
AGATCATGGA CTGTGCACGT GACACTTAAA TAATTTTCTA TGTATTTAAA GAAAAATGCA 5100
CCAGGATGGT GTCTGTGCAC GTGACTATTA GAGGAGCGTC TGTAGAAGTA CCTGGTTTGG 5160
TCAGTGCAGT TGTGCAATCT GAGGGCCTTG TTTCCTCCTC CCCTTTCCCC TTCTCCCCAC 5220
CAAAGGAAAA TATCCCTCTT AATGATTTCG TAGTTCAGTT TACTGAATGA TTACCACCTG 5280
TAATTCCTCT TTGGATTGTG TAGACTCAAC ATGAGACATT CCTTTCTGCT TTCTGGAGGG 5340
CACCAGGGGC CTTTCTCTTT GATAAATTTT TTTTGTCTGT TGACAAAAAC AAAAATCTTT 5400
TTTCAAATGT AGTGCTGGTG AAAAGGTAGG GCTGAGTGAT TACCTTAGCC ACAGGGTGGC 5460
TGAGCAGGAA CTTTAGAAGA AAATCCTGAG CTTTCCTGTC CATTCCCAGC ATCCAGCTCC 5520
TATTCTAGTG CCTCTTCCCT GCAGGGCAGG GACCCCTTGG GAAATCGAGG AGGTGGGACG 5580
GGCTGGGCCC TGTGTCCCAG GTTTCACAGG GCTCAGGGTT ATGCTCCCGC TTGAATCTGG 5640
ACGTGAATCT GGTAAAAATA TCAAGTACCT GTGGAACTCC CTGATTCTAT ACCCTCTTCC 5700
TTCTTTCTGC AAGGCAGAGG AATAATATTT TTAAAGGTTA TTTTGTTTTA GTTTTAAATA 5760
GCAAAACACA AGCTGCATTT TTATTTATTT TGCATAAGAA AGGTAAATCT TTTTACAAAA 5820
AAAAGTATAG AGTTGGAAAC TCTGGGAAAA CTTACGGAAA TACACAAATG CTTCTCTGTA 5880
ATGTGCAATA TGCTTTGCAA CTGTAGATGA TATTTTATGT TTAATCTGTA AATAAGAAAT 5940
GTATTTAAAT TAAAAGGGAT CTTTTTGTAA AAGGACCAAA TGTTCTTTTA TAAATGTAAT 6000
AAGGAATATC TTGCTCTTTA AAATTTATTA GGATTTTTAT GAGTAATTTT TATTAAAAGA 6060
TTTCTTTTTT TG 6072

Name: 247 Len: 5615 Check: 2627

GAAACTGCGG GTGTGACCCC CCCGTGGTGG CTCTGGGTGT CTGCGGAGGA GCTGGGGGCG 60
GAAGATGAGG CTAACGGCTT GGCTTCAGTG AACGCACCGG GATGTGCAGG CCGGGAGGTA 120
GAGGCAGGCT GATGGGGGAG GGAACGAGCA GCCTGTGAGA CGGGGTGACG GCGGCTACCA 180
GCCCGGGCGG GCACCGGGAC TGGAAGAGTT GCCTGAGCAG CCGGCTGGTC CGGCGGCCAG 240
GCTAGGGCGG GGGCGAGCGC CCAGTTGAGC CTGCTGGGGC TGGAGGAGCG AGAAGGGTTT 300
TCTTCACATT TCAGAGCGAA CCAGACGGGG ACAGTAAGGT TTGGAGGAAG GGGGATCGTT 360
GGAAGTAGCA AGAAGTGGAG AGAATCTGGC AATAGACGAG AAACCGAAAG AATCAGAAAG 420
AAGTCTATGT GAGTAGCTGA AAGCATTGGG TGACCAGAAA GAAGGTCGGT GTAAGTGAAG 480
GAAGAGTGAG GTGTGGCTGG ATCAAAGGGC TAAGAGAAGC GGGTCTGTGT AAGTGGATGT 540
GAGTGAGGAT CAAGGAAAAG CCGTGGAAGT GGCCGGGGGT CGGGGCCGCA GAAGTGCCAG 600
ACGGGGCCGG AAAGCAGCCG AGCGGAGTTC AAATTTGAGA GCGTTTGGAA ATTGGAAGAC 660
TTGGTGGCGA ACGAGGGTCA GGACCTGCAT CCTGCCTCAG AGAGTTATCG ACGTATCCGG 720
AATGTGGGAT CAGAGGCTGG TGAGGTTGGC CCTGTTGCAG CATCTGCGGG CCTTCTATGG 780
TATTAAGGTG AAGGGTGTCC GTGGGCAGTG CGATCGCAGG AGACATGAAA CAGCAGCCAC 840
GGAAATAGGG GGTAAAATAT TTGGAGTACC TTTTAATGCA CTGCCCCATT CTGCTGTACC 900
AGAATATGGA CACATTCCAA GCTTTCTTGT CGATGCTTGC ACATCTTTAG AAGACCATAT 960
TCATACCGAA GGGCTTTTTC GGAAATCAGG ATCTGTGATT CGCCTAAAAG CACTAAAGAA 1020
TAAAGTGGAT CATGGTGAAG GTTGCCTATC TTCTGCACCT CCTTGTGATA TTGCGGGACT 1080
TCTTAAGCAG TTTTTTAGGG AACTGCCAGA GCCCATTCTC CCAGCTGATT TGCATGAAGC 1140
ACTTTTGAAA GCTCAACAGT TAGGCACAGA GGAAAAGAAT AAAGCTACAC TGTTGCTCTC 1200
CTGTCTTCTG GCTGACCACA CAGTTCATGT ATTAAGATAC TTCTTTAACT TTCTCAGGAA 1260
TGTTTCTCTT AGATCCAGTG AGAATAAGAT GGACAGCAGC AATCTTGCAG TAATATTTGC 1320
ACCGAATCTT CTTCAGACAA GTGAAGGACA TGAAAAGATG TCTTCTAACA CAGAAAAGAA 1380
GCTACGATTA CAGGCTGCAG TAGTACAGAC TCTTATCGAT TATGCATCAG ATATTGGGCG 1440
TGTACCAGAT TTTATCCTGG AAAAGATACC AGCCATGTTG GGTATTGATG GTCTCTGTGC 1500
TACTCCATCA CTGGAAGGCT TTGAAGAAGG TGAATATGAA ACTCCTGGTG AATATAAGAG 1560
AAAGAGAAGA CAAAGTGTAG GAGATTTTGT TAGTGGAGCA CTAAATAAAT TTAAACCTAA 1620

CAGAACACCT TCTATTACAC CTCAAGAAGA AAGAATTGCC CAGCTATCTG AATCACCAGT 1680
GATTCTTACA CCAAATGCTA AGCGTACATT GCCAGTAGAT TCTTCTCATG GTTTCTCAAG 1740
TAAGAAAAGG AAGTCCATCA AGCACAATTT TAACTTTGAG CTGTTGCCAA GTAATCTCTT 1800
CAATAGCAGT TCTACACCGG TATCAGTTCA CATCGATACA AGCTCAGAAG GGTCATCTCA 1860
GAGTTCACTC TCTCCTGTAC TCATTGGTGG AAACCATTTG ATCACTGCAG GTGTGCCAAG 1920
GCGAAGTAAA AGAATTGCAG GCAAAAAAGT TTGCAGAGTG GAATCAGGAA AAGCAGGCTG 1980
CTTTTCTCCT AAAATCAGCC ATAAAGAAAA GGTTCGAAGA TCTCTGCGTT TGAAATTCAA 2040
TCTAGGGAAA AATGGCAGAG AAGTAAATGG ATGTTCTGGT GTCAATAGAT ATGAAAGTGT 2100
TGGTTGGCGA CTTGCAAATC AACAAAGTTT AAAAAATCGA ATTGAATCTG TAAAAACAGG 2160
TTTGCTTTTT AGCCCAGATG TTGATGAAAA GTTACCAAAG AAAGGTTCAG AAAAGATCAG 2220
TAAGTCTGAG GAAACCTTAC TAACTCCAGA GCGACTAGTT GGAACAAATT ACCGGATGTC 2280
TTGGACAGGA CCTAATAATT CAAGTTTTCA AGAAGTAGAT GCAAATGAAG CTTCTTCAAT 2340
GGTGGAAAAT CTTGAGGTAG AAAACTCTTT GGAGCCTGAT ATTATGGTAG AAAAGTCACC 2400
TGCTACTTCA TGTGAACTCA CCCCTTCCAA TTTAAACAAT AAGCATAATA GCAACATAAC 2460
AAGTAGCCCT CTTAGCGGGG ATGAAAATAA CATGACCAAA GAGACTTTGG TGAAAGTTCA 2520
AAAAGCGTTT TCTGAATCTG GAAGTAATCT TCACGCATTG ATGAATCAGA GGCAGTCATC 2580
AGTAACTAAT GTGGGGAAAG TAAAATTAAC TGAACCATCT TATTTAGAAG ATAGCCCAGA 2640
GGAAAATCTA TTTGAAACTA ATGATTTGAC TATAGTAGAA TCAAAGGAGA AATATGAACA 2700
CCACACTGGT AAAGGTGAAA AATGTTTTTC AGAGAGGGAC TTTTCACCCC TTCAAACTCA 2760
AACATTTAAT AGAGAAACAA CTATAAAATG TTATTCAACT CAGATGAAGA TGGAACATGA 2820
AAAAGACATT CATTCAAATA TGCCAAAAGA TTATTTAAGC AAGCAAGAAT TCTCCAGTGA 2880
TGAAGAAATA AAGAAACAGC AGTCCCCAAA GGATAAACTA AATAATAAAT TAAAAGAGAA 2940
TGAGAATATG ATGGAAGGTA ACTTACCGAA GTGTGCAGCA CATAGCAAGG ACGAGGCTAG 3000
ATCCTCTTTC TCACAGCAGA GTACATGTGT TGTAACAAAC TTGTCAAAAC CTAGGCCTAT 3060
GAGAATTGCT AAACAGCAGT CATTGGAAAC ATGTGAGAAA ACAGTTTCTG AAAGTTCACA 3120
AATGACAGAA CATAGAAAGG TTTCTGATCA CATACAGTGG TTTAACAAGC TTTCTTTAAA 3180
TGAACCAAAT AGAATAAAAG TCAAGTCACC TCTTAAGTTT CAGCGTACTC CTGTTCGTCA 3240
GTCCGTCAGA AGAATTAATT CTTTGTTGGA GTATAGCAGA CAACCTACAG GGCATAAGTT 3300
GGCGAGTCTT GGTGATACAG CTTCTCCTTT GGTCAAATCA GTGAGCTGTG ACGGTGCTCT 3360
TTCCTCTTGT ATAGAAAGTG CATCAAAAGA TTCCTCTGTT TCATGTATCA AATCAGGTCC 3420
TAAAGAACAG AAGTCCATGT CATGTGAAGA GTCAAATATT GGTGCAATTT CAAAGTCAAG 3480
CATGGAGTTA CCCTCGAAAT CTTTCTTAAA GATGAGGAAG CACCCAGATT CAGTGAATGC 3540
TTCTCTTAGG TCTACTACAG TTTATAAACA GAAGATCTTA TCTGATGGCC AAGTTAAGGT 3600
TCCCTTGGAT GATCTGACTA ATCATGATAT AGTAAAACCA GTTGTAAATA ACAACATGGG 3660
CATTTCTTCT GGGATAAATA ACAGGGTCCT TAGGAGACCA TCAGAAAGAG GAAGGGCCTG 3720
GTACAAAGGT TCTCCAAAAC ATCCTATCGG AAAAACTCAA TTACTACCAA CAAGTAAACC 3780
TGTAGATTTG TAATTGGTAA ATGTTATACT TGTCATTAAT GTAAATAAAG TGAGTAATTG 3840
GTATGACTTG CAGGATGATG TACATGTTAG TTTGTAGCTC AGGATGATTG TTAAGCAATA 3900
GATTTGCTCT ATTGAAAATG TTTCATTTTT TTCACTGTAC AAGCAACTTA GATTTTTATT 3960
TGTACAAATT ACTTCTTTGT TTTTCTTAAT GATGGCAATT TTTAAACTTT AATTTTATTG 4020
TGATCTCTTA AAGCAGAGGT TAGACTTTAC CTTTCTGACT CTGTCGTCCA GGCTGGAGTG 4080
CAGTGGCGCA ATCTCACTGC AAGCTCCACT TCCTGGGTTC ATGCCATTTT CCTGCCTCAG 4140
CCTCCCGAGT AGCTGGGACT ACAGGTGCCC GCCACCACGC CCAGCTAATT TTTTGTATTT 4200
TTAGTAGAGA CGGTTTCACC GTGTTAGCCA GGATGGTCTC GATCTCCTGA CCTTGTGATC 4260
CGCCCGCCTC AGCCTCCCAA AGTGCTGGGA TTACAGGCAT GAGCCACCAC GCCCGGCTAG 4320
ACTTTACCTT TCTAAAGAAA TTGTTTACTG GATTTATAAG AAGTTAATTT TTGAAAATGA 4380
CATATTTTTG TGTGATAGAA AGAATGGAGC AAGTTGTGCC TATTTCCTCC AAGTCAGATA 4440
AGGTTTCTAA AATAAATAAA TTTCTAGCAT ATAAAGGGTA GAGATAAACT CTGCAAATCT 4500
TATGTCTGGA ATTATATTAA TGTTTATTGT CCTTGCCAAA ATTCCTAGAA ATTAATTTCC 4560
TTCAATAGCA TCCTAAAACT CTATTTTTAT TTGGGGCAGA GTAATTTCAT TTATAGTGCC 4620
AGTAGGTGTA CCTTGTGTTC ACTCGAACTA AGAACAATGG TTAAGGCAGA ATAATGACTA 4680
AAATATGTTC ATATATTATG ATGTGGAAAT AATTGATAAC TTTTAAGCCA TACTATGTTT 4740
TTAAAGATAA TTTGCACAAA CACGTTTGTG TCTGTTCTGT CCAATATAGA TTTGGCAATT 4800
ATTTAAAGAG GGATAATCTT GAAAAAAATT AACCAAGGTG ATTTCTTATA TGTAGATGCT 4860
CGATTTTGGA ATTTGAAATA GTAGATGCAC CTCTTTACCT TTTTTACTTG GATAAAAACC 4920
TATGATGATT TTGTCCTGTG TGTAAATGTT ATTTATTTAG CATAGACATT AAAGATAACT 4980
CTCTGGAAAA TGACTTGACT AAGGCTCTCA TGAAATTCAA AGTGCCATTT AGAACATGCA 5040
CCAAATTGTC AAGTAAATCT GTCTAAATTT ATATTTTAAA TTATTACAAA TTACACATCT 5100
TTGAGGAAAG AGTATTATGA ACAATAGAAC ATATTCTCTA GGTTGTAGAG GAAGGAATAA 5160
GCAGACAGAA TCAACCACTA AAGGTAGTTT TTCAGATTGG TTGTTAGAAT GTCATGTTTA 5220
GATGTTGGAG CAGATTAGAG CAGCATTCAT GCCACTCGGA GCAACCAGAC TTACAGCATA 5280
AGTATGTACG AGGAATTTCA AATCATCAGA TGTTTGCTTG GCTAGGTTCT ACTTTGTTTA 5340
TTTGATATCA AATAGGTTTG TAGATGTTTA TGGCATTTCT AATTGTAAGT AGAGACAAAA 5400

29

TATTCATATA GTCAGATATA TGTTGTCTGC TTTAAACAAT TTTTAAATTT TAAAAATGCA 5460
TTAACGTCTT TTTATATCCA TCAAGGGAAG GATGAAATGT TGAATTTGAA GACTAATTCA 5520
GTAAGAAGTC CTAGGGGTTT AACTGTACAT ACTACCTGAA CTGGCTTTTC TGAGAGATGA 5580
ATCAATAATG AAACATGTCT GTTTTAAAAA CTACC 5615

Name: 248 Len: 5298 Check: F37

GGCGCCCGAC CCCAGCCACC GCCCTGCGGC CAGCGCGTCC CCCGACTCGC CGCCCGGAGA 60
CCCCGAGGCT CCAACGAGTT CAGAAATGTC CAGAAATGAC AAAGAACCGT TTTTTGTGAA 120
GTTTTTAAAG TCTTCAGACA ATTCCAAATG TTTTTTTAAA GCTCTCGAGT CCATAAAAGA 180
ATTCCAATCA GAAGAATATC TTCAGATTAT TACAGAAGAA GAGGCATTGA AGATAAAGGA 240
GAATGATAGA TCACTTTATA TCTGTGACCC TTTTAGTGGC GTTGTCTTTG ATCACCTCAA 300
AAAGCTTGGC TGCAGAATTG TTGGTCCTCA AGTAGTCATA TTTTGTATGC ACCACCAGCG 360
ATGTGTCCCA AGAGCCGAAC ATCCAGTTTA TAATATGGTT ATGTCTGATG TAACCATATC 420
TTGTACAAGT CTGGAAAAAG AAAAAAGGGA AGAAGTTCAT AAATATGTAC AAATGATGGG 480
CGGACGAGTA TACAGAGACC TTAATGTATC AGTAACTCAC CTTATTGCAG GAGAAGTTGG 540
TAGCAAAAAA TATTTAGTTG CTGCAAACCT GAAGAAACCT ATTTTGCTTC CCTCTTGGAT 600
AAAAACACTT TGGGAGAAGT CACAAGAGAA AAAAATAACT AGATATACTG ATATAAACAT 660
GGAAGATTTC AAGTGTCCTA TTTTTCTTGG TTGCATAATC TGTGTGACTG GCTTATGTGG 720
CTTAGACAGG AAAGAAGTTC AGCAACTCAC AGTTAAGCAT GGAGGTCAAT ACATGGGACA 780
ATTGAAAATG AATGAATGTA CACACCTCAT TGTGCAAGAA CCAAAAGGTC AGAAGTATGA 840
GTGTGCCAAG AGATGGAATG TACACTGTGT GACCACACAG TGGTTTTTTG ACAGTATTGA 900
GAAAGGTTTT TGTCAGGATG AATCCATATA CAAGACAGAA CCTAGACCAG AAGCAAAGAC 960
TATGCCCAAT TCTTCAACTC CTACCAGCCA GATCAACACA ATTGATAGTC GTACTCTTTC 1020
AGATGTCAGC AATATTTCCA ACATAAATGC AAGTTGCGTA AGTGAATCAA TATGTAATTC 1080
ACTTAACAGC AAACTGGAGC CTACACTTGA AAATCTAGAA AATCTGGATG TCAGTGCATT 1140
TCAAGCACCT GAAGATTTAT TAGATGGTTG TCGGATATAT CTTTGCGGTT TTAGTGGCAG 1200
AAAGCTAGAT AAACTGAGAA GACTTATTAA CAGTGGAGGT GGAGTTCGTT TTAACCAGCT 1260
AAATGAAGAT GTAACTCATG TTATTGTGGG AGATTATGAT GATGAATTGA AGCAGTTTTG 1320
GAATAAATCA GCCCACAGGC CTCATGTAGT GGGAGCAAAG TGGTTGCTAG AGTGTTTCAG 1380
TAAAGGTTAT ATGCTTTCTG AAGAACCATA TATCCATGCT AATTACCAGC CAGTGGAAAT 1440
TCCAGTTTCA CATCAGCCTG AAAGTAAAGC AGCTCTTTTA AAAAAGAAGA ACAGCAGCTT 1500
CTCTAAGAAA GACTTTGCTC CTAGTGAAAA GCATGAGCAA GCTGATGAAG ATCTGCTCTC 1560
TCAATATGAA AATGGTAGCT CCACAGTAGT TGAGGCTAAG ACGTCTGAAG CCAGGCCCTT 1620
TAATGATTCT ACTCATGCTG AGCCCTTGAA TGATTCTACT CACATTTCTT TGCAAGAAGA 1680
AAACCAGTCT TCTGTCAGTC ATTGTGTCCC TGATGTTTCT ACAATTACTG AAGAAGGCTT 1740
ATTTAGCCAA AAGAGTTTCC TTGTTTTGGG TTTTAGTAAT GAAAATGAAT CTAACATCGC 1800
AAACATCATA AAAGAAAATG CTGGGAAAAT CATGTCCCTT CTGAGCAGAA CTGTTGCGGA 1860
TTATGCTGTG GTTCCTCTGC TGGGGTGTGA AGTGGAAGCC ACTGTGGGAG AAGTTGTTAC 1920
AAATACATGG CTGGTTACTT GCATAGACTA TCAGACTTTG TTTGATCCAA AGTCGAATCC 1980
TCTCTTCACA CCAGTTCCAG TAATGACAGG AATGACTCCT TTAGAGGATT GTGTTATTTC 2040
ATTTAGCCAG TGTGCTGGAG CAGAAAAAGA GTCTTTAACA TTCCTAGCAA ACCTCCTTGG 2100
AGCAAGTGTT CAAGAATACT TTGTTCGCAA ATCCAATGCA AAGAAAGGCA TGTTTGCCAG 2160
TACTCATCTT ATACTGAAAG AACGTGGTGG CTCTAAATAT GAAGCTGCAA AGAAGTGGAA 2220
TTTACCTGCC GTTACTATAG CTTGGCTGTT GGAGACTGCT AGAACGGGAA AGAGAGCAGA 2280
CGAAAGCCAT TTTCTGATTG AAAATTCAAC TAAAGAAGAA CGAAGTTTGG AAACAGAAAT 2340
AACAAATGGA ATCAATCTAA ATTCAGATAC TGCAGAGCAT CCTGGCACAC GCCTGCAAAC 2400
TCACAGAAAA ACCGTCGTTA CACCTTTAGA TATGAACCGC TTTCAGAGTA AAGCTTTCCG 2460
TGCTGTGGTC TCACAACATG CCAGACAGGT CGCAGCCTCC CCAGCAGTAG GACAACCACT 2520
TCAGAAGGAG CCCTCGTTAC ACCTGGATAC ACCATCAAAA TTCCTGTCCA AGGACAAACT 2580
CTTCAAGCCT TCCTTTGATG TGAAGGATGC ACTTGCAGCC TTGGAAACTC CAGGACGTCC 2640
CAGCCAACAG AAAAGGAAAC CGAGTACGCC ACTCTCAGAA GTTATTGTCA AAAACTTGCA 2700
ACTTGCTTTG GCAAATAGCT CTCGAAATGC TGTCGCTCTT TCTGCCAGCC CTCAACTGAA 2760
AGAGGCCCAG TCAGAGAAGG AAGAAGCCCC AAAGCCACTT CACAAAGTAG TGGTATGTGT 2820
TAGTAAAAAA CTCAGTAAGA AGCAGAGTGA ACTAAATGGG ATCGCAGCCT CTCTAGGAGC 2880
AGATTACAGG TGGAGTTTTG ATGAAACAGT GACTCATTTC ATCTATCAAG GGCGGCCAAA 2940
TGACACTAAT CGGGAGTATA AATCTGTAAA AGAAAGAGGA GTACACATTG TTTCCGAGCA 3000
CTGGCTTTTA GATTGTGCCC AAGAGTGTAA ACATCTTCCT GAATCTCTTT ATCCACATAC 3060
TTATAATCCC AAAATGAGCT TGGATATCAG CGCAGTGCAA GATGGCCGGC TCTGTAATAG 3120
TCGACTACTC TCAGCTGTGT CTTCAACAAA GGATGATGAG CCAGATCCTT TGATTTTAGA 3180
AGAAAATGAT GTAGACAATA TGGCCACCAA TAATAAAGAG TCAGCACCAT CAAATGGAAG 3240
TGGAAAGAAT GACTCTAAAG GAGTTCTGAC ACAGACCTTA GAGATGAGAG AGAACTTTCA 3300
GAAGCAGTTA CAGGAGATAA TGTCTGCAAC ATCAATAGTG AAACCCCAAG GGCAGAGGAC 3360
TTCCCTTTCA AGAAGTGGTT GTAACAGCGC ATCTTCAACC CCTGACAGCA CTCGCTCTGC 3420
TCGCAGTGGA CGAAGTAGAG TCCTAGAGGC ACTGAGGCAG TCTCGTCAGA CAGTACCTGA 3480

TGTCAACACA GAGCCTTCCC AAAATGAACA GATCATTTGG GATGACCCTA CAGCAAGGGA 3540
GGAGAGAGCA AGGCTTGCCA GCAATTTGCA GTGGCCTAGT TGTCCCACAC AATACTCTGA 3600
GCTTCAGGTT GACATTCAAA ACTTGGAGGA TTCTCCTTTT CAAAAGCCTT TACATGATTC 3660
AGAAATTGCT AAACAGGCTG TCTGTGATCC TGGAAACATA CGTGTGACTG AAGCTCCCAA 3720
ACACCCAATC TCTGAAGAAC TGGAAACTCC CATAAAAGAC AGCCACCTGA TCCCTACGCC 3780
TCAAGCCCCC AGTATTGCCT TTCCACTCGC CAACCCCCCT GTGGCTCCGC ACCCTAGAGA 3840
AAAGATTATA ACGATAGAGG AGACTCATGA AGAATTAAAA AAACAGTACA TATTTCAGTT 3900
ATCATCTCTG AATCCTCAAG AACGTATTGA CTATTGTCAT CTGATTGAGA AACTAGGTGG 3960
ATTGGTGATA GAAAAGCAGT GCTTTGATCC CACCTGTACA CACATTGTTG TGGGACATCC 4020
ACTTCGAAAC GAGAAGTATT TAGCCTCAGT GGCAGCTGGG AAGTGGGTGC TTCATCGCTC 4080
CTACCTTGAA GCCTGCAGGA CTGCTGGACA CTTCGTGCAG GAAGAAGACT ATGAATGGGG 4140
AAGTAGTTCC ATACTTGATG TTTTGACTGG AATCAATGTA CAGCAACGAA GACTAGCACT 4200
TGCAGCAATG AGATGGAGAA AAAAAATCCA GCAAAGACAA GAATCTGGCA TTGTTGAGGG 4260
AGCATTTAGT GGGTGGAAGG TTATTTTACA TGTGGATCAG TCTCGAGAAG CAGGCTTCAA 4320
ACGCCTTCTT CAGTCAGGAG GAGCAAAGGT GCTACCTGGT CATTCTGTAC CTTTATTTAA 4380
AGAGGCCACA CATCTTTTTT CTGACTTGAA TAAACTGAAA CCAGATGACT CAGGAGTTAA 4440
TATAGCAGAA GCTGCTGCCC AGAACGTGTA CTGCTTGAGA ACAGAATACA TTGCTGATTA 4500
TCTCATGCAG GAATCACCTC CTCATGTAGA AAATTACTGT CTACCAGAAG CTATTTCATT 4560
TATTCAGAAT AATAAGGAAC TTGGGACTGG ATTATCACAA AAGAGGAAAG CTCCTACAGA 4620
AAAAAATAAA ATCAAACGAC CTAGAGTACA CTAATCGCAT CTACCCTTTA GTTACCAAAC 4680
ATTAAATGTT TTTAAAAATT GAAAGCCTGA ATGTGACTGT GATAGATTTG GGTAGTAATT 4740
TAAAGATGAG TACCTGAAGA ATTCTGCTTC AGAGTATAAT GATGACCCTT CTTGAGTTTT 4800
GAACACCTGA AATTGTAATC ACTGAAATAT TAACTGTTTC TTAATAAAAA GTTACCTGAA 4860
ATAACAACAA AATACAACTC CTCAGCTAGC TTGCTGTTAA ACCACATTGA AGTCTGTTAA 4920
AAGATATTTA TTTTTCTTGT AAATATCTGA AGCTGTAGCT TAGTGGAAAT TTTAGCAAGG 4980
TAATGGATTT TGCTTTAAAA TGTCTGCCTT ACAAATTCAT AACAACAAGA TTTGTCAGTC 5040
AGCATTTATT CATGTTTTCC CTGATTTTTA TCTTCTCACC ATTTTACCTC TTTTAACAGG 5100
AGCCTGAGCA CAAGGTTTAA TGAGGAAGCT GGGGCTATAA ATATGTGTGT ATATATGTAT 5160
ATGTATGTTT GTACAAATCT CCATGATGTT TGCCAAGTTT GAATGCGCAA AACTTGGAAA 5220
ATGTGACAAT AAAGAATAAA AGTAGTAACT CAAATTAGTA TTAAGATGTG TTTACATAGA 5280
TAAATTTTTT AAAAGAGC 5298

Name: 249 Len: 1584 Check: 12A6

GCGCCTCGGC CTAGCATGTC GGAAGCGGGC GAGGAGCAGC CCATGGAGAC GACGGGCGCC 60
ACCGAGAACG GACATGAGGC CGTCCCCGAA GCGAGTCGCG GCCGGGGCTG GACGGGCGCC 120
GCGGCGGGGC TGGAGGCGCG ACCGCCGCGC CCCCGAGCGG GAATCAGAAC GGCGCCGAGG 180
GACCAGATCA ACGCCAGCAA GAACGAGGAG GACGCGGGAA AAATGTTCGT TGGTGGCCTG 240
AGCTGGGATA CTAGCAAAAA AGATTTAAAA GACTATTTTA CTAAATTTGG GTTTATCCTG 300
GACTGTACAA TAAAAATGGA TCCCAACACT GGACGGTCAA GAGGGTTTGG GTTTATCCTG 360
TTCAAAGATG CAGCCAGTGT GGAGAAGGTC CTAGACCAGA AGGAGCACAG GCTGGATGGC 420
CGTGTCATTG ACCCTAAAAA GGCCATGGCT ATGAAGAAGG ACCCGGTCAA GAAAATCTTC 480
GTTGGGGGTC TGAATCCTGA AAGTCCCACT GAGGAAAAGA TCAGGGAGTA CTTTGGCGAG 540
TTTGGGGAGA TTGAGGCCAT TGAATTGCCA ATGGATCCAA AGTTGAACAA AAGACGAGGT 600
TTTGTGTTTA TCACCTTTAA AGAAGAAGAA CCCGTGAAGA AGGTTCTGGA GAAAAAGTTC 660
CATACTGTCA GTGGAAGCAA GTGTGAGATC AAGGTGGCCC AGCCCAAAGA AGTCTATCAG 720
CAGCAGCAGT ATGGCTCTGG GGGCCGTGGA AACCGCAACC GAGGGAACCG AGGCAGCGGA 780
GGTGGTGGTG GAGGTGGAGG TCAGAGTCAG AGTTGGAATC AGGGCTACGG CAACTACTGG 840
AACCAGGGCT ACGGCTACCA GCAGGGCTAC GGGCCTGGCT ATGGCGGCTA CGACTACTCG 900
CCCTATGGCT ATTACGGCTA CGGCCCCGGC TACGACTACA GTCAGGGTAG TACAAACTAC 960
GGCAAGAGCC AGCGACGTGG TGGCCATCAG AATAACTACA AGCCATACTG AGGCGGCCAA 1020
GGGAGCGACC AACTGATCGC ACACATGCTT TGTTTGGATA TGGAGTGAAC ACAATTATGT 1080
ACCAAATTTA ACTTGGCAAA CTTTCTATTG CCTGTCCCAT GTGCATCTTA TTTAAAATTT 1140
CCCCCATGGA AATCACTCTC CTGTTGACTA TTTCCAGAGC TCTAGGTGTT TAGGCAGCGT 1200
GTGGTGTCTG AGAGGCCATA GCGCCATCAT GGGCTGATTT TTATTACCAG GTCCCCCAGA 1260
AGCAGGTGAG AGGCTCTGCT TCCTGCTGCC GCTCTGCAGC CTGGACCTGT GGACCCTGGT 1320
TGTAAAGAGT AAATTGTATC TTAGGAAACC AGTGTCACCT TTTTTTCACC TTTTAATTTT 1380
ATATTATTTG CGTCATACAT TTCCTGTAAC GGAAGTGTTA ATTTTACTGT ACTTTTTGGT 1440
ACCCCTTTTG GGAATCTAAT GTATTGTAAG GTATTTTACA CGTGTCCTGA TTTTGCCACA 1500
ACCTGGATAT TGAAGCTATC CAAGCTTTTG AAATAAAATT TAAAAACCCC AAGCCTGGGT 1560
GAGTGTGGGA AAAAAAAAAA AAAA 1584

Name: 25 Len: 237 Check: 14F6

GGAGTATTGG AGAGGCGGCC TTATGAGGAC CAGGGGCTCG GGGAGACGAC TCCTCTTACT 60
ATCATCTGCC AGCCCATGCA GCCNCTGAGG GTCAACAGCC AGCCCGGCCC CCAGAAGCGA 120
TGCCTTTTTG TGTGTCGGCA TGCTGAGAGG ATGGATGTTG TGTTTGGGAA GTACTGGCTT 180

3-1

```
GTCCCAGTGC NTCGATNGCA AAGGCGNCTA CATNCGCAAG CAACCTNGAA CATNGCC      237

Name: 250                    Len:  1121  Check:     893
GGAATTCCCT ATAGAGCCGG CTGAGAGAGC GAGCGCCCGT CGGCGGGTGT CGAGGGCGGG    60
TTGCCTCGCG CTGACCCTTC CCGCCCTCCT TCTCGTCACA CACCAGGTCC CCGCGGAAGC   120
CGCGGTGTCG GCGCCATGGC CGAGCTGACG GCTCTTGAGA GTCTCATCGA GATGGGCTTC   180
CCCAGGGGAC GCGCGGAGAA GGCTCTGGCC CTCACAGGGA ACCAGGGCAT CGAGGCTGCG   240
ATGGACTGGC TGATGGAGCA CGAAGACGAC CCCGATGTGG ACGAGCCTTT AGAGACTCCC   300
CTTGGACATA TCCTGGGACG GGAGCCCACT TCCTCAGAGC AAGGCGGCCT TGAAGGATCT   360
GCTTCTGCTG CCGGAGAAGG CAAACCCGCT TTGAGTGAAG AGGAAAGACA GGAACAAACT   420
AAGAGGATGT TGGAGCTGGT GGCCCAGAAG CAGCGGGAGC GTGAAGAAAG AGAGGAACGG   480
GAGGCATTGG AACGGGAACG GCAGCGCAGG AGACAAGGGC AAGAGTTGTC AGCAGCACGA   540
CAGCGGCTAC AGGAAGATGA GATGCGCCGG GCTGCTGCTG AGGAGAGGCG GAGGGAAAAT   600
GCCGAGGAGT TAGCAGCCAG ACAAAGAGTT AGAGAAAAGA TCGAGAGGGA CAAAGCAGAG   660
AGAGCCAAGA AGTATGGTGG CAGTGTGGGC TCTCAGCCAC CCCCAGTGGC ACCAGAGCCA   720
GGTCCTGTTC CCTCTTCTCC CAGCCAGGAG CCTCCCACCA AGCGGGAGTA TGACCAGTGT   780
CGCATACAGG TCAGGCTGCC AGATGGGACC TCACTGACCC AGACGTTCCG GGCCCGGGAA   840
CAGCTGGCAG CTGTGAGGCT CTATGTGGAG CTCCACCGTG GGGAGGAACT AGGTGGGGGC   900
CAGGACCCTG TGCAATTGCT CAGTGGCTTC CCCAGACGGG CCTTCTCAGA AGCTGACATG   960
GAGCGGCCTC TGCAGGAGCT GGGACTCGTG CCTTCTGCTG TTCTCATTGT GGCCAAGAAA  1020
TGTCCCAGCT GAGGGCCTTT GTCCCATTGT CCCTCTGTGA CCCCTTCATC TTTGATAAAG  1080
CACTGACATC TCCTTCCTAA TAAATAGACC CTGAGTTCTG T                       1121

Name: 251                    Len:  2337  Check:    2550
GGAGCGGCCA ACATGGCGGA ACGCAGGAGA CACAAGAAGC GGATCCAGGA AGTTGGTGAA     60
CCATCTAAAG AAGAGAAGGC TGTGGCCAAG TATCTTCGAT TCAACTGTCC AACAAAGTCC    120
ACCAATATGA TGGGTCACCG GGTTGATTAT TTTATTGCTT CAAAAGCAGT GGACTGTCTT    180
TTGGATTCAA AGTGGGCAAA GGCCAAGAAA GGAGAGGAAG CTTTATTTAC AACCAGGGAG    240
TCTGTGGTTG ACTACTGCAA CAGGCTTTTA AAGAAGCAGT TTTTTCACCG AGCCCTAAAA    300
GTAATGAAAA TGAAATATGA TAAAGACATA AAGAAAGAAA AAGATAAAGG AAAAGCTGAA    360
AGTGGAAAAG AAGAAGATAA AAAGAGCAAG AAAGAAAATA TAAAGGATGA GAAGACAAAA    420
AAAGAAAAAG AGAAAAAAAA AGATGGTGAA AAGGAAGAAT CCAAAAAGGA GGAAACTCCA    480
GGAACTCCTA AAAAGAAGGA AACTAAGAAA AAATTCAAAC TTGAGCCACA TGATGATCAG    540
GTTTTTCTGG ATGGAAATGA GGTGTATGTA TGGATCTATG ACCCAGTTCA CTTTAAAACA    600
TTTGTCATGG GATTAATTCT TGTGATTGCA GTAATAGCGG CCACCCTCTT CCCCCTTTGG    660
CCAGCAGAAA TGAGAGTAGG TGTTTATTAC CTCAGTGTGG GTGCAGGCTG TTTTGTAGCC    720
AGTATTCTTC TCCTTGCTGT TGCTCGATGC ATTCTATTTC TCATCATTTG GCTCATAACT    780
GGAGGAAGGC ACCACTTTTG GTTCTTGCCA AATCTGACTG CTGATGTGGG CTTCATTGAC    840
TCCTTCAGGC CTCTGTACAC ACATGAATAC AAAGGACCAA AAGCAGACTT AAAGAAAGAT    900
GAGAAGTCTG AAACCAAAAA GCAACAGAAG TCCGACAGTG AGGAAAAGTC AGACAGTGAG    960
AAAAAGGAAG ATGAGGAGGG GAAAGTAGGA CCAGGAAATC ATGGAACAGA AGGCTCGGGG   1020
GGAGAACGGC ATTCAGACAC GGACAGTGAC AGGAGGGAAG ATGATCGATC CCAGCACAGT   1080
AGTGGAAATG GAAATGATTT TGAAATGATA ACAAAAGAGG AACTGGAACA GCAAACAGAT   1140
GGGGATTGTG AAGAGGATGA GGAAGAGGAA AATGATGGAG AAACACCTAA ATCTTCACAT   1200
GAAAAATCAT AATCTGACTA ATTTTGGGAC TGAATGAATA AGTACAAGAG GTTGGATTTT   1260
CTATGTTGGC TGATTACCAT ATTGAACACA TGGCATTTGT AGCATTCTTT AAATCTATCT   1320
ACTGAAATGT ATTTGACATT CAGGCAGTTA TATTCGGTCC TTCATTTTAT AGAATATTGG   1380
CACTATTATT GGTACAGTTT AAAGCCATTA ATATGTTTTA TCCATTTGAT AATTTTACAG   1440
TAAGTAGGTC TCATTCATTT TGACAGTTAT CAAAGATGTA CTTTCCACAG TTAAATTTAC   1500
ATTAATGGCA ATTTTTGATA GTTTTATGGC TTTTTACTGT TAGACTAATC AAAAATAACT   1560
TTAAAAGGAA CAAAGAAACT CCAACATTTC ACATTATGCA TAGTTATGTA GCCATTTCAC   1620
AGTTTCTTTA AGATGTGTAA ACTCATTGTC CTTGATAGTT TTTATTTTTC ATTATAAAAT   1680
TATACCAGGA GATTTCTTTT AAGATTCTGA GTTAGCAGAG TTCAAAACTA TTTTGTGGAA   1740
ACAAGCCAAC TAGTAACAAT GCAGCAACAC TTCTGGTTTA GCTAAATTAT TTTTCCAATG   1800
TAGGAAATCC ACACTGATTT GTACGTCTGA CTGAGAGAAA GATGGTCGTC TCCAGCAGAG   1860
AAAGTGAACA GCATTTGTTG GAAGGTGATG GCTCTCCCTC CTCCCTCCCC ATTTCATTGG   1920
CCTAACGTAA AGTGTATTCT GTACATAATT TACAAATAAA ACATTTTATT TTAATTGTTA   1980
CTTATTATTT AGATATTTCT CAACACTTAA ATTCATAAAA TTAAGACCAT GTAAGGGTAT   2040
GTTTTTAGAG AAATGGAAGT TTGAGTAACC CACAGAACAT CTGTGATCTT TCTACAGCAG   2100
CTTCAGTTTT GTGCCAACAT TCCATGTATT TTGAATATGA GCAAAAACTG ATCTTAAGAG   2160
CAGACTTAAA GTAGCTTTGT ACGCCTTAAT GTTCATTTTG ATTTATTTTA AATCTTTACA   2220
TTCAGAAATG AGATACTGTA TTATCAGACC AGGAGGCATT GCTGTGAAAG ATAATTTCCT   2280
ATTCTAAAAT ATCAAATTTA AAATAAAGAT AATGAAAGAA AAAAAAAAAA AAAAAAA      2337

Name: 252                    Len:  3380  Check:    3E0
GCACACCATG GTGCACTTCT GTGGCCTACT CACCCTCCAC CGGGAGCCAG TGCCGCTGAA     60
```

321

GAGTATCTCT GTGAGCGTGA ACATTTACGA GTTTGTGGCT GGTGTGTCTG CAACTTTGAA 120
CTACGAGAAT GAGGAGAAAG TTCCTTTGGA GGCCTTCTTT GTGTTCCCCA TGGATGAAGA 180
CTCTGCTGTT TACAGCTTTG AGGCCTTGGT GGATGGGAAG AAAATTGTAG CAGAATTACA 240
AGACAAGATG AAGGCCCGCA CCAACTATGA GAAAGCCATC TCCCAGGGCC ACCAGGCCTT 300
CTTATTGGAG GGGGACAGCA GCTCCAGGGA TGTCTTCTCT TGCAATGTGG GTAACCTCCA 360
ACCTGGGTCG AAGGCGGCAG TCACCCTGAA GTATGTGCAG GAGCTGCCTC TGGAAGCAGA 420
TGGGGCTCTG CGCTTTGTGC TCCCAGCTGT CCTGAATCCT AGATACCAGT TCTCTGGGTC 480
GTCTAAGGAC AGTTGCCTTA ATGTGAAGAC TCCTATAGTC CCTGTGGAGG ACCTGCCCTA 540
CACACTCAGC ATGGTCGCCA CCATAGATTC CCAGCATGGC ATTGAGAAGG TCCAATCCAA 600
CTGCCCCTTG AGTCCTACCG AGTACCTAGG AGAGGACAAG ACTTCTGCTC AGGTTTCCCT 660
GGCTGCTGGA CACAAGTTTG ATCGGGACGT GGAACTCCTG ATTTACTACA ATGAGGTGCA 720
TACCCCCAGC GTGGTTTTGG AGATGGGGAT GCCTAACATG AAGCCAGGTC ATTTGATGGG 780
AGATCCATCT GCAATGGTGA GTTTCTATCC AAATATCCCA GAAGATCAAC CATCAAATAC 840
CTGTGGAGAG TTTATCTTTC TCATGGACCG CTCGGGAAGT ATGCAGAGCC CCATGAGTAG 900
CCAGGATACA TCTCGCTGCG AATACAGGCA GCCAAGGAAA CACTGATTTT GCTGCTGAAG 960
AGTTTACCTA TAGGCTGTTA TTTCAACATC TATGGATTTG GCTCTTCCTA TGAGGCATGC 1020
TTTCCGGAGA GTGTGAAGTA CACTCAGCAA ACAATGGAGG AGGCTCTGGG GAGAGTGAAG 1080
CTTATGCAGG CCGACCTAGG GGGCACTGAA ATCTTGGCAC CACTCCAGAA CATTTACAGG 1140
GGACCCTCCA TCCCAGGCCA CCCCCTACAG CTTTTTGTCT TTACAGATGG AGAAGTTACA 1200
GACACGTTTA GTGTAATTAA AGAAGTTAGG ATCAACAGAC AGAAACACAG GTGTTTCTCA 1260
TTTGGTATTG GAGAAGGCAC CTCCACCAGC CTAATAAAAG GTATTGCCCG GGCATCAGGG 1320
GGCACCTCAG AATTTATCAC AGGCAAAGAC AGGATGCAGT CCAAGGCTCT CAGGACTCTG 1380
AAACGCTCTC TGCAGCCTGT GGTAGAGGAT GTCTCTCTGA GCTGGCATTT GCCTCCTGGT 1440
CTGTCTGCTA AAATGCTTTC CCCAGAACAG ACTGTCATCT TTAGGGGTCA GAGATTAATC 1500
AGCTATGCCC AGCTGACCGG GAGGATGCCA GCAGCAGAGA CAACAGGAGA AGTATGCCTC 1560
AAATATACAC TCCAGGGCAA GACTTTTGAG GATAAGGTGA CATTTCCTCT ACAACCCAAG 1620
CCTGATGTCA ACCTCACCAT TCACCGCCTT GCTGCCAAGT CCTTGCTCCA GACCAAGGAC 1680
ATGGGCCTCA GGGAGACTCC AGCAAGTGAT AAAAAAGATG CATTGAACCT TAGCCTTGAG 1740
TCTGGTGTCA TAAGCTCCTT CACAGCTTTC ATTGCTATCA ATAAGGAGCT CAACAAGCCG 1800
GTTCAGGGGC CTCTGGCTCA TAGGGACGTC CCAAGGCCAA TTCTGTTGGG TGCTTCTGCC 1860
CCATTGAAGA TAAAATGCCA ATCAGGTTTT CGAAAGGCCT TACACTCTGA CCGTCCTCCT 1920
TCTGCATCTC AGCCCAGAGG GGAACTTATG TGTTATAAGG CCAAGACATT CCAGATGGAC 1980
GATTACAGTC TCTGTGGGTT GATAAGTCAC AAGGACCAGC ACAGTCCAGG CTTTGGAGAG 2040
AATCACCTTG TGCAGCTGAT TTACCACCAA AATGCAAATG GTTCCTGGGA TCTGAATGAA 2100
GATCTAGCCA AGATCCTAGG TATGAGTTTG GAAGAAATAA TGGCTGCACA GCCTGCCGAG 2160
CTTGTGGATT CCTCAGGCTG GGCCACCATC CTGGCCGTGA TCTGGCTGCA CAGCAATGGT 2220
AAGGACTTGA AGTGTGAATG GGAGCTTCTG GAAAGGAAGG CCGTGGCCTG GATGCGTGCC 2280
CATGCAGGCT CCACCATGCC TTCGGTTGTG AAAGCTGCTA TTACTTTCCT GAAGTCATCT 2340
GTGGATCCTG CTATCTTTGC CTTTTGAAGA TACCATCCAG AAAAAGAAGT GCCTTTAATT 2400
TGCTACTGTC ATTTCCTCTA GTATCACTTT TGCTGTGATG ATGTGTTCTT GTGTATTATA 2460
ACTCTTTATT TTTTGCCATA AAAGTAAAGG ATGCTTACTC CACTTCGCTT CTCTGCTCCA 2520
GGTTCACTTT GGATATGATC TTTCTTTTCC CAACATATGC CCTCAGAAAA GTGACAGTGG 2580
TCCCAGAACC TATTCCCTTT CTTGAGGGAG TTCAAAACAT TCATAGGCAG TAATGTTCCT 2640
CCCAGGGTTT CCAGGGAAAC AACATGAAAA ACAGGTGACA TGAACTACAG ACTAAAGATT 2700
GCAGCATTTA TGTTAGAGAA TGCTTGAATT AGAGAATTTT CTGCATTATC TTTGTCTGTT 2760
CACTTTCTAT CTTATATACT TATCAGGGCC ATACTGGTAA GCTTGCGTAG GAGGAGTTAG 2820
AGGGAAGTTG AAAGCCAACA TCTGGATCAA TGTAATGTCA AGATCACAAA GACAGAGACT 2880
GCAGGGGTCC ACTGTGAGAG GTGACACTGT TGGGGACCTT CCTGATTCAT TCTTCTTGGG 2940
CTTTGCTAGC CTGTACAACC TACATGTCTT TTCTTCCACT GCCTGAAAGA CTTGGGTTGA 3000
ACTATAACTG TTGGAGAGAG ATGTTCCTCT TTAATCATGA AACACCTTAA GAAGTCTATA 3060
ATGCAATCCT TAGTCCTACC CTGAACCTAT GTGTCCTCTA AGTCAGGCCC TGATCTAGTG 3120
CAGTAAAGGG AAGGGTGGGC TTAATGGGAG CTTTGCCTGG GACCTGAACC TGGAGCACTT 3180
ACCGCATTAG GAAGAAAGGA GCTCCCCGTA ATCGTTCCTG ACCCTTGTGT CTCATATACC 3240
CTATCCTGGT GGAAATGACC CTATTTGATA TGCTGTCCCT TAAAATAACT TGTATCAATA 3300
TTAAAATGAC TATTTCTACC CTTTAAAAAA AAAAAAAAAA AAAAAAAAAA AAAAAAAAAA 3360
AAAAAAAAAA AAAAAAAAAA 3380

Name: 253 Len: 6823 Check: 1202

GGCGGACAAA ACGCCAGGCG GATCTCAGAA GGCCAGTTCA AAGACGAGAT CATCAGATGT 60
TCATTCATCT GGATCTTCAG ATGCACATAT GGATGCATCT GGACCCTCAG ATAGTGATAT 120
GCCAAGTCGG ACACGACCTA AGAGCCCAAG AAAACATAAT TATAGGAATG AAAGTGCCCG 180
TGAAAGCCTT TGTGATTCTC CTCATCAGAA TCTCTCAAGA CCTCTTCTGG AAAACAAACT 240
TAAAGCATTC AGTATTGGAA AAATGAGTAC AGCTAAGCGA ACTTTAAGTA AAAAGGAACA 300
GGAAGAATTA AAGAAAAAGG AGGATGAAAA GGCAGCTGCT GAGATTTATG AGGAGTTTCT 360

```
TGCTGCTTTT GAAGGAAGTG ATGGTAATAA AGTGAAAACA TTTGTGCGAG GGGGTGTTGT   420
TAATGCAGCT AAAGAAGAAC ATGAAACAGA TGAAAAAAGA GGTAAAATCT ATAAGCCATC   480
TTCAAGATTT GCAGATCAAA AAAATCCTCC AAATCAGTCT TCCAATGAAA GACCACCATC   540
TCTTCTTGTG ATAGAAACCA AAAAACCTCC ACTTAAAAAA GGAGAGAAAG AAAAGAAAAA   600
AAGCAATTTG GAACTCTTCA AAGAAGAATT AAAGCAAATT CAAGAGGAAC GTGATGAGAG   660
ACATAAAACA AAAGGCAGAT TAAGTCGATT TGAACCTCCT CAGTCAGATT CTGATGGTCA   720
GCGTCGTTCT ATGGACGCGC CTTCAAGAAG AAATAGATCA TCTGGTGTTC TTGATGATTA   780
CGCACCTGGC TCACATGATG TAGGAGATCC AAGCACTACT AATTTATACC TTGGAAACAT   840
TAATCCACAG ATGAATGAAG AAATGCTGTG CCAAGAATTT GGAAGATTTG GACCGTTAGC   900
CAGTGTGAAA ATCATGTGGC CTAGAACTGA TGAAGAAAGA GCCAGAGAGA GAAATTGCGG   960
CTTTGTGGCC TTTATGAATA GAAGAGATGC TGAAAGAGCT TTAAAAAATT TGAATGGAAA  1020
AATGATTATG TCTTTTGAAA TGAAGTTAGG TTGGGGTAAA GCTGTACCTA TTCCTCCACA  1080
TCCAATATAC ATTCCGCCTT CTATGATGGA ACATACGCTT CCCCCACCTC CATCCGGACT  1140
GCCTTTTAAT GCGCAGCCTA GAGAGCGGTT AAAAAACCCT AATGCTCCTA TGTTACCGCC  1200
ACCTAAAAAC AAAGAGGATT TTGAGAAGAC TCTGTCGCAA GCCATAGTCA AAGTGGTTAT  1260
CCCAACAGAA AGGAATTTGC TCGCCCTGAT ACATCGAATG ATAGAGTTTG TTGTACGTGA  1320
AGGGCCAATG TTTGAAGCTA TGATTATGAA CAGAGAAATC AACAATCCTA TGTTCAGGTT  1380
CTTATTTGAA AACCAGACAC CAGCCCATGT TTACTATAGG TGGAAGCTTT ATTCTATTCT  1440
GCAGGGAGAT TCTCCAACTA AATGGCGGAC GGAAGATTTT CGTATGTTCA AAAATGGATC  1500
TTTTTGGAGG CCACCACCAT TAAATCCGTA CTTGCATGGA ATGTCAGAAG AGCAAGAAAC  1560
AGAAGCTTTT GTAGAGGAAC CTAGTAAAAA GGGAGCACTT AAGGAAGAAC AGAGGGATAA  1620
ATTGGAAGAA ATCTTGCGGG GATTAACTCC AAGGAAAAAT GATATTGGAG ATGCAATGGT  1680
TTTCTGTCTT AATAATGCTG AAGCTGCTGA AGAAATAGTG GATTGCATTA CTGAGTCGTT  1740
GTCCATCTTA AAGACACCCC TTCCTAAAAA GATTGCCAGA TTATATTTGG TTTCTGATGT  1800
TTTGTACAAC TCTTCAGCCA AAGTTGCTAA TGCTTCATAT TATAGAAAAT TTTTTGAAAC  1860
AAAGTTATGT CAGATATTTT CAGACCTCAA TGCCACCTAT CGTACAATTC AAGGCCATTT  1920
ACAATCTGAA AACTTTAAGC AACGGGTAAT GACTTGCTTC AGAGCATGGG AAGATTGGGC  1980
AATTTATCCA GAACCATTTT TGATCAAACT ACAAAATATT TTCTTAGGAC TTGTAAATAT  2040
TATTGAAGAA AAGGAAACAG AGGATGTTCC AGATGACCTT GATGGTGCCC CCATCGAGGA  2100
AGAGCTTGAT GGTGCACCTC TGGAAGATGT AGATGGAATT CCTATTGATG CTACTCCCAT  2160
CGATGATCTT GATGGAGTCC CTATAAAAAG TCTTGATGAT GATCTTGATG GAGTGCCTTT  2220
GGATGCAACT GAAGACTCAA AAAAGAATGA GCCTATATTT AAAGTTGCCC CATCAAAATG  2280
GGAAGCTGTG GATGAATCTG AATTGGAAGC ACAGGCTGTT ACAACTTCTA AATGGGAATT  2340
ATTTGACCAG CATGAAGAAT CAGAAGAAGA AGAAAATCAA AATCAAGAAG AAGAAAGTGA  2400
AGATGAAGAA GATACTCAAA GTTCCAAATC TGAAGAACAT CATTTGTACT CTAATCCAAT  2460
CAAAGAAGAA ATGACTGAGT CTAAGTTCTC TAAGTACTCT GAAATGAGTG AGGAAAAACG  2520
AGCCAAACTT CGTGAAATTG AGCTCAAAGT TATGAAGTTT CAGGATGAAT TGGAATCTGG  2580
GAAAAGACCT AAAAAACCAG GCCAGAGTTT TCAGGAGCAA GTAGAACACT ACAGAGATAA  2640
ACTTCTTCAA CGAGAGAAAG AGAAAGAGTT AGAAAGAGAA CGAGAAAGAG ACAAGAAAGA  2700
TAAAGAAAAA TTGGAATCTC GCTCCAAAGA CAAGAAGGAA AAAGATGAGT GTACTCCGAC  2760
AAGGAAGGAA AGGAAGAGGC GACACAGTAC ATCCCCCAGC CCATCTCGCA GTAGCAGTGG  2820
TAGACGAGTG AAATCCCCAT CACCAAAATC GGAGCGATCA GAGCGTTCAG AAAGATCTCA  2880
TAAAGAGAGC TCACGGTCCA GGTCATCTCA CAAAGATTCT CCTAGAGATG TTAGCAAAAA  2940
AGCCAAAAGA TCACCATCTG GTTCAAGGAC ACCTAAAAGG TCTAGGCGAT CACGGTCTAG  3000
ATCTCCTAAA AAATCAGGAA AGAAGTCCAG ATCCCAGTCC AGATCTCCAC ACAGGTCTCA  3060
TAAAAAGTCA AAGAAAAACA AACACTGACG TAAATTTTTA AGATGCTGTC ACTTATTGGA  3120
AATGCGATTT GTTTTGTGCC TGAACGGTCT GTTTTTTAAA AAAACAAAAA ATCAAATGAA  3180
AGAGCATTCC TGGGGTTTTT TGTTTGTTTG TGTATGCATG TGTAAACTCA TGAGCAACTG  3240
CATCTGTAGA TCTGTCATTG TTTTATATTG TGTAAATTAC TTTCATTGTG GCTATTTCTC  3300
AAGATGAAAT TTTTATTGTT CTAATGGATT TCATCAGAAA TGTGTATAAT GGATCTGCTG  3360
ACAGTAGTAG TATTTTGTTT TAGGATGTTG TGACTTAGCA AAAATAATAC AGATGTCTTC  3420
CCCCCTTTTG TAGCTTTGAC AATTTGAATT AGATTTCAAA TAAAATCTGA ACAGAAAACT  3480
ATAATGTTGT TTTTTTGCCC CACCGGTGAT ATTAAGTCCC TTAAAGTCCT ACTGAGTTTC  3540
ACACTACTGT TGTGCTTCTT ATACCTGATG CACTTTATAA GCCCCAGTGT TCAAGTAGCT  3600
TAAGTTTTAT ATTTACTAAG ATGACTATCC AAATTAAGGG ACCTGAGACT CCTATTTGGT  3660
GGTTTGCTAA CCATTTGCTT TTGATAAGTT TCTCTTGGGT AATACTAATA CCCAGATATC  3720
AAAGACTAGG TAGATATGGC ATGGCGTTTT GTTAGTGGAA TGCCTGGCTA AAACATTTTT  3780
TTCACAGAAG CAATATGATT TCCATACATC CAACCCATGT TCTGAGCAAC TACTTACTTT  3840
TAGGGGGAAA TTAAATATCT TTTCATTTCC TCTTCTATTA TGAAAGAAGT TTATTTGTAA  3900
AACAAATTTT CTAACAAGGT TTGGCCATAG AATTCTCTTG TATGATTGTT GACCTTTTAT  3960
AATCTTCTGT AGGCTATCTT TCAAACACTG GCATCAGAAT ATTTTTTATA AGTTTGTGTT  4020
TAAACAGCTT AGTTGGTCCC CCCCCCCACT CCCAAGAGAC TTGGGTTTAG TTATAGCTTT  4080
AAGTAAAATT TAAAAATAAA ATGTTTTTCA GGAAACTTCG TATCTAATGG TTTGTAAATT  4140
```

CAAGGTGCAA AAAGTTGATT TAAACCATTT GCAGAGTTGA ACTCTATTAT GAAAATAAAT 4200
TTGCTACGGT ATGAGGAAGA AATAAAACTT GTGTAATGTT GGTCATAATA CTGCTATAAA 4260
TATAATAAAG GGTTATGTAG AATTGAACTG ACACTATTAT TTGTGAATCT TGATTTCAGT 4320
TTTTTATGTA GGCACTTCAT ACACTGGTTT GATGGGTTTT TTTTTTCCTC CCTAAAAGAG 4380
AAAGTAGAAA ACTATTCTAA CAATGGATTA TTTTGATTTA GCTTGCTTTT TAAAAAAATC 4440
TTTTCAACTT GTTTTACTTA ATCTTGCCTA GTCACAAAAT AAGATGTGCA CCCATGGTTT 4500
GGAGAGTTCC TATATTAGCT GAGCAGTGAG ATACACTATT TCCAAACGGT GCACACCTAC 4560
AGTAGCTTTG GAAATGAGCC AATCACTGTT TTACTTAATG GTTCTTATCA GCATGCAAAT 4620
ATTGCTTGAA AGTTATTTCC TTATTCACTG TTTTGTTAGT CCATTTTGTT AGGAAACATT 4680
AATTCCTAAA AATTTGTTCA GAATAATTAA AAGTGAACAT TTGGTGCTGA TACTCAAAAA 4740
CCTACAAATG TAGCCATTTA AAAAGTAACA TGTTTTTCTC CCCTGCTCAT TGCCTGGGAG 4800
AATGGAATTT TATATAACTA CCTTTCTTTG CAAAAATAAC GGTCGTGTCG AGTTGGTGGT 4860
GATTTTGGCA TTCCATCTTG CACTGGTTTC TAGTATAGGC TTAGAAATAA TTGGTCAGGT 4920
AATAATCTTT CCAGTCAAGT TGCAAGGGAT GCTTATTTCT CTTCAAAAAA AGACATCCTG 4980
CGGGATTGAG TAGAAAATTT TAGGTCAGTT TTGGGTGCTT ATTTGTAATA TTTTTCCTAC 5040
TACATTGGAG TTTAGCAGTT CTTTTTTTCT GGATCCAGAT ACAAGTGTCA TGGTTTATCT 5100
TACAGTGGGT GAAACTGACT TTCTTTTGGT TGGGTGGGTG AGGATTTCTT AGGCCTGATA 5160
GAATATATAT TCTGTGAAGT TTGTTAATGT ACATATTAGA TTGTATTGGA TTTTTTTTTC 5220
TTGAATTGCA AATGGTATTA TTAGATAGGT TATTTCCAGT TTTACTTCAT GACAAATTAC 5280
CTAGAGTAAA CCTACTTAAT ACTCCAATGG ATTCTATGAA AGTTTAATGG GATCAGAAAT 5340
TGGTGACTTA TAAGGGGGAA GATATTCTAC CATATTTTTA TAATAGCTTA TTATTCATGT 5400
TTCTTGTCTG AAGGACACTC AAGTTACAGA GCAAAATTTC TATAGGTTGA CTAGAATGTT 5460
CATAAGCATG GTCTTCCAGT TGCAGGAAAG ATCATGTTCT ATCTGTGGAC ACTTACTGTC 5520
CTCTACCACA GCTACGTGCC AGAGTTGTTT TCCACAGTTC TTATAAAGGG CATGACTTAG 5580
GCTCTTTACC CTCCAACTTA ATGTTTATAC ACAGGGATTG TTTACTAGGT TAATGACATT 5640
TAACTCCCCT CTCTTCTGTA GGTGAGAGAA AATAAGTAAG TCTTGATCTG TTTCTTACCA 5700
AAGAGAGACA GACCTATGAT GGAAAATGAT CACGTCTCTG AATTTTTTCT TTAACGTTAT 5760
AGTTCCTTAT TACAGATAGT AAGCATATGG GAATTTCTGA GCTATAACAT GTTGAGAAGT 5820
TAGAAATTAA AACTAACACA ACAAAAGGCG CTGAATCAAA AGATCTTTGC TTTTATTTGG 5880
CTCAGAATGT TTTTGGCTTT TCTGCTAAAG ATGGCAGAAA TTACTCTACA CAGACCTGAT 5940
TTTTCTTTAT TGCAGACCAT TCTTGTGGGC TTACCCTGAG ACTTTTATCC CAATTAGTGA 6000
ATCTTGGAGG GAATACTTGC TTATTTATGA CTTAGGTATT TCCCCCCAAA CTTTAATATT 6060
CTTGAGCACT TGAAAATACT TTTGAGAAAT TTTAACTGTG ATTAAATTTA GGTTTATTAG 6120
AAATATTCTG TACACATTTG CCTCCATGGT GGTGTAAGTT CTGAAAAATT ATATGACCGT 6180
GACAATAGTT TATCATCATC ATTATTGTTA TTCAAAATAA GGGTAAATAA ATCTCTGTAT 6240
TGCCAAAGTG ACTTAAACTG TTCTGATGAC CACACAGTGT GATTTCTTTA GCAGAGAAAG 6300
TTGGTTTTAA AAATAAATAG TACCACTTTT CTAAGACTGT ACAGTTTACA AATAAGGTTT 6360
TTTTCTTTGT TGTTTTCCTC TTCTATTAAG TTTTAGTGAA AAGCCTAATT ACAGAAAATT 6420
GTGCAGATAC TAGTGAAGAT ACTAGTATAA GTTTAAAGGA ACATGTGACT GTAAAATCTC 6480
ACATTTACAA AGTGCTTGAT CTCTTCATAT TTCACACGCA TGTTTTAGAA TAGATTTTAG 6540
GGAGTGTTTA ATTCATTATC CTTTTGACTT AAAATTTTTG TTACCAACTT CCTAGGACTT 6600
AGATAATATA TAAATAAGTA CAAATCCCAG GGGAAGTGTT GTGATGCTAG ACTAAAAGGT 6660
GGGAATGTGC TGCTGTTCCG TGAGCCTTGT TCCATTGTTG AAAATTTGAT GCCTCAGTGT 6720
TTATTCAGTA CCACCTCATG GAGCTTCAAT GTAAATGGAT TATATGTATA ATTGGTAATT 6780
TGTATAGTTT TGTAGATTGT AGATTAAATG CACTCATCAT GTC 6823

Name: 254 Len: 6252 Check: EDD

GCGGGGGGCA ATGGCACTGC AGCTCTGGGC CCTGACCCTG CTGGGCCTGC TGGGCGCAGG 60
TGCCAGCCTG AGGCCCCGCA AGCTGGACTT CTTCCGCAGC GAGAAAGAGC TGAACCACCT 120
GGCTGTGGAT GAGGCCTCAG GCGTGGTGTA CCTGGGGGCG GTGAATGCCC TCTACCAGCT 180
GGATGCGAAG CTGCAGCTGG AGCAGCAGGT GGCCACGGGC CCGGCCCTGG ACAACAAGAA 240
GTGCACGCCG CCCATCGAGG CCAGCCAGTG CCATGAGGCT GAGATGACTG ACAATGTCAA 300
CCAGCTGCTG CTGCTCGACC CTCCCAGGAA GCGCCTGGTG GAGTGCGGCA GCCTCTTCAA 360
GGGCATCTGC GCTCTGCGCG CCCTGAGCAA CATCTCCCTC CGCCTGTTCT ACGAGGACGG 420
CAGCGGGGAG AAGTCTTTCG TGGCCAGCAA TGATGAGGGC GTGGCCACAG TGGGGCTGGT 480
GAGCTCCACG GGTCCTGGTG GTGACCGCGT GCTGTTTGTG GGCAAAGGCA ATGGGCCACA 540
CGACAACGGC ATCATCGTGA GCACTCGGCT GTTGGACCGG ACTGACAGCA GGGAGGCCTT 600
TGAAGCCTAC ACGGACCACG CCACCTACAA GGCCGGCTAC CTGTCCACCA ACACACAGCA 660
GTTCGTGGCG GCCTTCGAGG ACGGCCCCTA CGTCTTCTTT GTCTTCAACC AGCAGGACAA 720
GCACCCGGCC CGGAACCGCA CGCTGCTGGC ACGCATGTGC AGAGAAGACC CCAACTACTA 780
CTCCTACCTG GAGATGGACC TGCAGTGCCG GGACCCCGAC ATCCACGCCG CTGCCTTTGG 840
CACCTGCCTG GCCGCCTCCG TGGCTGCGCC TGGCTCTGGC AGGGTGCTAT ATGCTGTCTT 900
CAGCAGAGAC AGCCGGAGCA GTGGGGGGCC CGGTGCGGGC CTCTGCCTGT TCCCGCTGGA 960
CAAGGTGCAC GCCAAGATGG AGGCCAACCG CAACGCCTGT TACACAGGCA CCCGGGAGGC 1020

```
CCGTGACATC TTCTACAAGC CCTTCCACGG CGATATCCAG TGCGGCGGCC ACGCGCCGGG  1080
CTCCAGCAAG AGCTTCCCAT GTGGCTCGGA GCACCTGCCC TACCCGCTGG GCAGCCGCGA  1140
CGGGCTCAGA GGCACAGCCG TGCTGCAGCG TGGAGGCCTG AACCTCACGG CCGTGACGGT  1200
CGCCGCCGAG AACAACCACA CTGTTGCTTT TCTGGGCACC TCTGATGGCC GGATCCTCAA  1260
GGTGTACCTC ACCCCAGATG GCACCTCCTC AGAGTACGAC TCTATCCTTG TGGAGATAAA  1320
CAAGAGAGTC AAGCGCGACC TGGTACTGTC TGGAGACCTG GGCAGCCTGT ACGCCATGAC  1380
CCAGGACAAG GTGTTCCGGC TGCCGGTGCA GGAGTGCCTG AGCTACCCGA CCTGCACCCA  1440
GTGCCGCGAC TCCCAGGACC CCTACTGCGG CTGGTGCGTC GTCGAGGGAC GATGCACCCG  1500
GAAGGCCGAG TGTCCGCGGG CCGAGGAGGC CAGCCACTGG CTGTGGAGCC GAAGCAAGTC  1560
CTGCGTGGCC GTCACCAGCG CCCAGCCACA GAACATGAGC CGGCGGGCCC AGGGGGAGGT  1620
GCAGCTGACC GTCAGCCCCC TCCCTGCCCT GAGCGAGGAG GACGAGTTGC TGTGCCTTTT  1680
TGGGGAGTCG CCGCCACACC CCGCCCGCGT GGAGGGCGAG GCCGTCATCT GCAACTCCCC  1740
AAGCAGCATC CCCGTCACAC CGCCAGGCCA GGACCACGTG GCCGTGACCA TCCAGCTCCT  1800
CCTTAGACGA GGCAACATCT TCCTCACGTC CTACCAGTAC CCCTTCTACG ACTGCCGCCA  1860
GGCCATGAGC CTGGAGGAGA ACCTGCCGTG CATCTCCTGC GTGAGCAACC GCTGGACCTG  1920
CCAGTGGGAC CTGCGCTACC ACGAGTGCCG GGAGGCTTCG CCCAACCCTG AGGACGGCAT  1980
CGTCCGTGCC CACATGGAGG ACAGCTGTCC CCAGTTCCTG GGACCCAGCC CCCTGGTGAT  2040
CCCCATGAAC CACGAGACAG ATGTGAACTT CCAGGGCAAG AACCTGGACA CCGTGAAGGG  2100
TTCCTCCCTG CACGTGGGCA GTGACTTGCT CAAGTTCATG GAGCCGGTGA CCATGCAGGA  2160
ATCTGGGACC TTCGCCTTTC GGACCCCAAA GCTGTCCCAC GATGCCAACG AGACGCTGCC  2220
CCTGCACCTC TACGTCAAGT CTTACGGCAA GAATATCGAC AGCAAGCTCC ATGTGACCCT  2280
CTACAACTGC TCCTTTGGCC GCAGCGACTG CAGCCTGTGC CGGGCCGCTA ACCCCGACTA  2340
CAGGTGTGCG TGGTGCGGGG GCCAGAGCAG GTGCGTGTAT GAGGCCCTGT GCAACACCAC  2400
CTCCGAGTGC CCGCCGCCCG TCATCACCAG GATCCAGCCT GAGACGGGCC CCCTGGGTGG  2460
GGGCATCCGC ATCACCATCC TGGGGTCCAA TTTGGGCGTC CAAGCAGGGG ACATCCAGAG  2520
GATCTCTGTG GCCGGCCGGA ACTGCTCCTT TCAGCCGGAA CGTTACTCCG TGTCCACCCG  2580
GATCGTGTGT GTGATCGAGG CTGCGGAGAC GCCTTTCACG GGGGGTGTCG AGGTGGACGT  2640
CTTCGGGAAA CTGGGCCGTT CGCCTCCCAA TGTCCAGTTC ACCTTCCAAC AGCCCAAGCC  2700
TCTCAGTGTG GAGCCGCAGC AGGGACCGCA GGCGGGCGGC ACCACACTGA CCATCCACGG  2760
CACCCACCTG GACACGGGCT CCCAGGAGGA CGTGCGGGTG ACCCTCAACG GCGTCCCGTG  2820
TAAAGTGACG AAGTTTGGGG CGCAGCTCCA GTGTGTCACT GGCCCCCAGG CGACACGGGG  2880
CCAGATGCTT CTGGAGGTCT CCTACGGGGG GTCCCCCGTG CCCAACCCCG GCATCTTCTT  2940
CACCTACCGC GAAAACCCCG TACTGCGAGC CTTCGAGCCG CTACGAAGCT TTGCCAGTGG  3000
TGGCCGCAGC ATCAACGTCA CGGGTCAGGG CTTCAGCCTG ATCCAGAGGT TTGCCATGGT  3060
GGTCATCGCG GAGCCCCTGC AGTCCTGGCA GCCGCCGCGG GAGGCTGAAT CCCTGCAGCC  3120
CATGACGGTG GTGGGTACAG ACTACGTGTT CCACAATGAC ACCAAGGTCG TCTTCCTGTC  3180
CCCGGCTGTG CCTGAGGAGC CAGAGGCCTA CAACCTCACG GTGCTGATCG AGATGGACGG  3240
GCACCGTGCC CTGCTCAGAA CAGAGGCCGG GGCCTTCGAG TACGTGCCTG ACCCCACCTT  3300
TGAGAACTTC ACAGGTGGCG TCAAGAAGCA GGTCAACAAG CTCATCCACG CCCGGGGCAC  3360
CAATCTGAAC AAGGCGATGA CGCTGCAGGA GGCCGAGGCC TTCGTGGGTG CCGAGCGCTG  3420
CACCATGAAG ACGCTGACGG AGACCGACCT GTACTGTGAG CCCCCGGAGG TGCAGCCCCC  3480
GCCCAAGCGG CGGCAGAAAC GAGACACCAC ACACAACCTG CCCGAGTTCA TTGTGAAGTT  3540
CGGCTCTCGC GAGTGGGTGC TGGGCCGCGT GGAGTACGAC ACACGGGTGA GCGACGTGCC  3600
GCTCAGCCTC ATCTTGCCGC TGGTCATCGT GCCCATGGTG GTCGTCATCG CGGTGTCTGT  3660
CTACTGCTAC TGGAGGAAGA GCCAGCAGGC CGAACGAGAG TATGAGAAGA TCAAGTCCCA  3720
GCTGGAGGGC CTGGAGGAGA GCGTGCGGGA CCGCTGCAAG AAGGAATTCA CAGACCTGAT  3780
GATCGAGATG GAGGACCAGA CCAACGACGT GCACGAGGCC GGCATCCCCG TGCTGGACTA  3840
CAAGACCTAC ACCGACCGCG TCTTCTTCCT GCCCTCCAAG GACGGCGACA AGGACGTGAT  3900
GATCACCGGC AAGCTGGACA TCCCTGAGCC GCGGCGGCCG GTGGTGGAGC AGGCCCTCTA  3960
CCAGTTCTCC AACCTGCTGA ACAGCAAGTC TTTCCTCATC AATTTCATCC ACACCCTGGA  4020
GAACCAGCGG GAGTTCTCGG CCCGCGCCAA GGTCTACTTC GCGTCCCTGC TGACGGTGGC  4080
GCTGCACGGG AAACTGGAGT ACTACACGGA CATCATGCAC ACGCTCTTCC TGGAGCTCCT  4140
GGAGCAGTAC GTGGTGGCCA AGAACCCCAA GCTGATGCTG CGCAGGTCTG AGACTGTGGT  4200
GGAGAGGATG CTGTCCAACT GGATGTCCAT CTGCCTGTAC CAGTACCTCA AGGACAGTGC  4260
CGGGGAGCCC CTGTACAAGC TCTTCAAGGC CATCAAACAT CAGGTGGAAA AGGGCCCGGT  4320
GGATGCGGTA CAGAAGAAGG CCAAGTACAC TCTCAACGAC ACGGGGCTGC TGGGGGATGA  4380
TGTGGAGTAC GCACCCCTGA CGGTGAGCGT GATCGTGCAG GACGAGGGAG TGGACGCCAT  4440
CCCGGTGAAG GTCCTCAACT GTGACACCAT CTCCCAGGTC AAGGAGAAGA TCATTGACCA  4500
GGTGTACCGT GGGCAGCCCT GCTCCTGCTG GCCCAGGCCA GACAGCGTGG TCCTGGAGTG  4560
GCGTCCCGGC TCCACAGCGC AGATCCTGTC GGACCTGGAC CTGACGTCAC AGCGGGAGGG  4620
CCGGTGGAAG CGCGTCAACA CCCTTATGCA CTACAATGTC CGGGATGGAG CCACCCTCAT  4680
CCTGTCCAAG GTGGGGGTCT CCCAGCAGCC GGAGGACAGC CAGCAGGACC TGCCTGGGGA  4740
GCGCCATGCC CTCCTGGAGG AGGAGAACCG GGTGTGGCAC CTGGTGCGGC CGACCGACGA  4800
```

GGTGGACGAG GGCAAGTCCA AGAGAGGCAG CGTGAAAGAG AAGGAGCGGA CGAAGGCCAT 4860
CACCGAGATC TACCTGACGC GGCTGCTCTC AGTCAAGGGC ACACTGCAGC AGTTTGTGGA 4920
CAACTTCTTC CAGAGCGTGC TGGCGCCTGG GCACGCGGTG CCACCTGCAG TCAAGTACTT 4980
CTTCGACTTC CTGGACGAGC AGGCAGAGAA GCACAACATC CAGGATGAAG ACACCATCCA 5040
CATCTGGAAG ACGAACAGCT TACCGCTCCG GTTCTGGGTG AACATCCTCA AGAACCCCCA 5100
CTTCATCTTT GACGTGCATG TCCACGAGGT GGTGGACGCC TCGCTGTCAG TCATCGCGCA 5160
GACCTTCATG GATGCCTGCA CGCGCACGGA GCATAAGCTG AGCCGCGATT CTCCCAGCAA 5220
CAAGCTGCTG TACGCCAAGG AGATCTCCAC CTACAAGAAG ATGGTGGAGG ATTACTACAA 5280
GGGGATCCGG CAGATGGTGC AGGTCAGCGA CCAGGACATG AACACACACC TGGCAGAGAT 5340
TTCCCGGGCG CACACGGACT CCTTGAACAC CCTCGTGGCA CTCCACCAGC TCTACCAATA 5400
CACGCAGAAG TACTATGACG AGATCATCAA TGCCTTGGAG GAGGATCCTG CCGCCCAGAA 5460
GATGCAGCTG GCCTTCCGCC TGCAGCAGAT TGCCGCTGCA CTGGAGAACA AGGTCACTGA 5520
CCTCTGACCT ACAATCTCCA GTGCTGCCTT GGGACATAGG TACCTGAGGT ACCTGAGAGC 5580
CCCTCAGGGG AGGAGGCCGA GTGGCTGTGG CTGAGGCCCC CACCCTCCCC TGGAACGCGC 5640
CCCAAGCCGG AGTGGGTGCA GCCGGAACCC GCCCAGCGTC TAGACTGTAG CATCTTCCTC 5700
TGAGCAATAC CGCCGGGCAC CGCACCAGCA CCAGCCCCAG CCCCAGCTCC CTCCGGCCGC 5760
AGAACCAGCA TCGGGTGTTC ACTGTCGAGT CTCGAGTGAT TTGAAAATGT GCCTTACGCT 5820
GCCACGCTGG GGGCAGCTGG CCTCCGCCTC CGCCCACGCA CCAGCAGCCG CCTCCATGCC 5880
CTAGGTTGGG CCCCTGGGGG ATCTGAGGGC CTGTGGCCCC CAGGGCAAGT TCCCAGATCC 5940
TATGTCTGTC TGTCCACCAC GAGATGGGAG GAGGAGAAAA AGCGGTACGA TGCCTTCCTG 6000
ACCTCACCGG CCTCCCCAAG GGTGCCGGCA CTCTGGGTGG ACTCACGGCT GCTGGGCCCC 6060
ACGTCAAAGG TCAAGTGAGA CGTAGGTCAA GTCCTACGTC GGGGCCCAGA CATCCTGGGG 6120
TCCTGGTCTG TCAGACAGGC TGCCCTAGAG CCCCACCCAG TCCGGGGGGA CTGGGAGCAG 6180
TTCCAAGACC ACCCCACCCC TTTTTGTAAA TCTTGTTCAT TGTAAATCAA ATACAGCGTC 6240
TTTTTCACTC CG 6252

Name: 255 Len: 7834 Check: 616

CGTCTGAAGG TCACGAGCCC CGCCGACAGC CCAGACCCAG TCCGGGCTAG CCCGAGGCCT 60
CCCTGGAGGT GGACGGTTTC AGTCCACACA TACTGGGACC CCAGGGAGAC ACTCACCAGC 120
ATCCGAGCCT GCCATGTTTC AGAGGCAGGT CGCCGCCGGA CTCCGACGCG GCCGGGAAGG 180
CGACGGTGTC CTGGAAGGAC CGATCCACGC AGACCGACAC TGGGCGCGGA CGCACGAACC 240
AAAGCGCGGG AAGGAGGCGT GAAGAAGGAC GGACGTTAAA GAGCTTCTCG CCGCTGATTG 300
GTCATCAGAG GAGCACTTCC TTCACAGGAC GTGAAACGGG GGCGGTTTGG GAAGTTTAGA 360
GACCATTCTC CGCCGACCAA AACCCGTCAA AGGATTATCA GACACGCGGG TCGGACGGTC 420
CACATCAGCC GGCAGCCCGG GCGGGTCCCG GGGTGCGAGC AGCGCACTTC CGGTGAGCTA 480
TTTCGTTTTG TATCCCTCCG CCGACGTCAA CGGGAAAGTA GTGCGGACCG CTCTCTCGGT 540
GGTCCGGGGT GGTACAGCCA CGTGACAACG CCAGGCCCCG CCTTCCCCCT CTTTTGGTTA 600
CAGACGTGAG GGCTCTTTGG AGACGTAAAC ATCTCCGAGT GGCGAGGGTG GGCGGGGCTA 660
GGGCTTGGGA AAGGGCGGGG TGGCTTGCTT GAGGTGTGGA AAGACCAGAA GAAGGTGAGG 720
TCAAGAGAGT GCGAATGAGG CATTCCAATG GTGGGTGGGC CCTGACCTGA GAGAGTGGCG 780
CGGGGAGGGG TGAAAGCGCG GCGATCCTGG AACGCCAGCG GGCGTTGCGG CCTATGCGCG 840
AGGGGCGGGG CGATTAGGTC ATAGAGCGGC TCCCAGCGTT CCCTGCGGCG TAGGAGGCGG 900
TCCAGACTAC AAAAGCGGCT GCCGGAAAGC GGCCGGCACC TCATTCATTT CTACCGGTCT 960
CTAGTAGTGC AGCTTCGGCT GGTGTCATCG GTGTCCTTCC TCCGCTGCCG CCCCCGCAAG 1020
GCTTCGCCGT CATCGAGGCC ATTTCCAGCG ACTTGTCGCA CGCTTTTCTA TATACTTCGT 1080
TCCCCGCCAA CCGCAACCAT TGACGCCATG TCGGGTTATT CGAGTGACCG AGACCGCGGC 1140
CGGGACCGAG GGTTATTCGA GTGACCGAGA CCGCGGCCAC CGAGGGTGAG TTTGGGAGCC 1200
GAGCTGTCAG GCCAGGCGGG TGGGGGGATG GGAGGGCGGG TCAGGGTGGC GGCCGGCGGG 1260
GGCTTTGCGG CTTGGACTTG GCCTTTCCGG GCTATCTTGG GACTTCCTTT CCCGAACGTT 1320
GCGCCATTTT GATATTCACG TCACAGTGAT TGGAAGAGAT TTGACGGTGT AGTGTCTTCA 1380
AGCTTGCTTT TTGTGTGGGG ATTTGGGGAG CTGTCGGGGC GGCTGCCATT TGGTAGCTGT 1440
TGAGGGAGTT GAGAGGGAGC GTATTGTGCG GATGAAAGCG GACGCTTCGA GGCATGACGA 1500
AGGAACATCT GTTAGGTGCG GCGTTTCGGT AGGTGTTTTT GGGGTGGCCG GGCATTCTGT 1560
GGGAGCGAGG GGACCACTTC CAAAGCCCTG GTGCTGTTGG GGTAGGAGGG CGGCCGGCAT 1620
CAGCCATGTG GCTGAGTCGC GAGTACAAAA TGCCGGCCTC GGACATGGCG GCGGCGCCTT 1680
TGTTACCCCG CCCGGCGGAG GAGCTCAAAA TGGCAGCGTC GAGAAAATGT GGCGCAGAGA 1740
GAAATGCGAG ACAAAGGGGG AAGCGCCGCC CCAGCGGGAA CGCCGCCCGG CCGACTCCGC 1800
CCGGGCCGGG ACTCCTCCCC CGGTAGTCGC CGGCTCCTCC TTTTCTTTTT TCCTGCGTTA 1860
TATAATTTTG ATTCGTTGAT CCGGAGCTCT ACCGCGGCGT TCCCCCAGCT GGGTTTGCTA 1920
GCAGAAGTGT TTCTGAGAAA ACCCTTGTTC TGTTATCGCT GACTGTACTG TTTAGGTTCT 1980
TACCATCAAA GCTGTTTGGT TCCAAAACGG CCATATGAGT AACATCGTCG TGATGCTCTT 2040
CGGTTCATGT AGCCTTGTTA TTGCTGATAG TGAATTGCTA GGCTGGTGGG GAAGATTACA 2100
GTAACCACAA GAAGTGGTGT GTGCCAGAAT CCCAAATTCT GGCATGTGGG TGACAAGTTT 2160
CCGACATGAT AAATCCCCGG CTTCCGACAT GATAAATCCC AGGCTGTTTA CATGACCTAA 2220

GTAATGTGTA CTTGGGACTA CGGGAAATGT TAACTGTGGC TGTTGAGAGA GAGAGAGATT 2280
TTCACGAAGG ACAGTGCTAG GTTTACCTCT CGAAGTCTGT TTTCAGTGGT TTTTAGCTTG 2340
TGCCAATGGA TGACAAATCT ATACAGAAAC CTGGGTATAG CCTAAAGAAA ATGTGAATAA 2400
CGTTTTTTTT CATTCCAGGT TTGGTGCACC TCGATTTGGA GGAAGTAGGG CAGGGCCCTT 2460
ATCTGGAAAG AAGTTTGGAA ACCCTGGGGA GAAATTAGTT AAAAAGAAGT GGAATCTTGA 2520
TGAGCTGCCT AAATTTGAGA AGAATTTTTA TCAAGAGCAC CCTGATTTGG CTAGGCGCAC 2580
AGCAGTGAGT AAATTCATGT GGCTTCATCA GGCTGTAACT CGATCGTGGA TTCTAGTAAA 2640
TGAAATTCTG ACAGGTGTTT TGCAAATAAC TCAATTTTGG TAGAGTTACA TGTTCTGACT 2700
TCATAATTGG GAAAGGTGTG ACTCACTTTT GGAATATAGG TGGCTTTGGG ATTTTTACTT 2760
AAATTAGGTT GAGTATAACA AGAAATTTTT TTTTCATAAT AGGGTGTTCA TAGGTGGGTC 2820
AGATTAAAAT GAAGGCTACT TTAACTAGTT ACTAAATTAT GAAGTTAGGG GCTTATCAAT 2880
TACGTATTTA CGTAGGGTGG TGTCATGAAT TTAGACTGTA TATTGTTTGC AGCAAGAGGT 2940
GGAAACATAC AGAAGAAGCA AGGAAATTAC AGTTAGAGGT CACAACTGCC CGAAGCCAGT 3000
TCTAAATTTT TATGAAGCCA ATTTCCCTGG TAAGTGCTAC TTTTCAGTTC TACCTACCCG 3060
TGTTTTTGTT TCCACCTACC CCCTCTTTTT CTTGGCATCA CTAATTTTTA CTAAATATCT 3120
GTTACTAATT ATAGCAAATG TCATGGATGT TATTGCAAGA CAGAATTTCA CTGAACCCAC 3180
TGCTATTCAA GCTCAGGGAT GGCCAGTTGC TCTAAGTGGA TTGGATATGG TTGGAGTGGC 3240
ACAGACTGGA TCTGGGAAAA CATTGTCTGT AAGTTTGCGA GAACTCTTGA GTTGATCTGA 3300
TATATGCAAG AAAATGTAAT GGTAATTTAA AAACGAGTAT TTTAATGTGA TTTCTGTTTG 3360
TCCCCACTTT CACCCTAAAT AGTATTTGCT TCCTGCCATT GTCCACATCA ATCATCAGCC 3420
ATTCCTAGAG AGAGGCGATG GGCCTATTGT AAGTATATAT TTTACTTTTA TTAGAAGCAT 3480
AATGTGTAGA TTTTAGACTA CATAGCTAAA GATGTAATCA TTTGTGGTGG TTTTATATAG 3540
AGGTTAGCTC ATCCTATTCA GCTGGAGCTG TTTTGGGTAT TGGACAACAC ATGAAGAAAG 3600
GATCTGCTAG TATAATAAGT TAGCAGTTTA AAACTAGTAC CAGGTTTGTG CTGAAAGCTG 3660
TTTCTCTTTT CCTTAGTGTT TGGTGCTGGC ACCAACTCGG GAACTGGCCC AACAGGTGCA 3720
GCAAGTAGCT GCTGAATATT GTAGAGCATG TCGCTTGAAG TCTACTTGTA TCTACGGTGG 3780
TGCTCCTAAG GGACCACAAA TACGTGATTT GGAGAGAGGT ATGTAATGAA AAGGGTTTTA 3840
TTTGTCATTG GTGCTAAATA TCCTAGGTAT TGTAGTTACA CTTACGTATT TAATTAAAGG 3900
TGTGGAAATC TGTATTGCAA CACCTGGAAG ACTGATTGAC TTTTTAGAGT GTGGAAAAAC 3960
CAATCTGAGA AGAACAACCT ACCTTGTCCT TGATGAAGCA GATAGAATGC TTGATATGGG 4020
CTTTGAACCC CAAATAAGGA AGATTGTGGA TCAAATAAGA GTAAGTGTCC TTTGAAATAT 4080
GTGATCAAAC TGAATTGTGT TTCACTCTTA AGAGTCTGAT ACTAATTTTT CCCCCCAAAA 4140
TCCATTAGCC TGATAGGCAA ACTCTAATGT GGAGTGCGAC TTGGCCAAAA GAAGTAAGAC 4200
AGCTTGCTGA AGATTTCCTG AAAGACTATA TTCATATAAA CATTGGTGCA CTTGAACTGA 4260
GTGCAAACCA CAACATTCTT CAGATTGTGG ATGTGTGTCA TGACGTAGAA AAGGATGAAA 4320
AGTAAGTTTT ATTAACTCTG TTATATTTGC TTCCTAACAA CTTTGCTGTA AAATTGAGGA 4380
TCATTGTTTG GTGAGTTGTT TTAGGTTATT TCAGTTGGTG TGATTTCATT TAGTTAGCCT 4440
ACTAATCCTG AAAATTTCTT GAATCTTCAA ATAATGGCCG TCACCATTTA TAGCTTTCCA 4500
TATGAAGAAT TGAATTCATG TCTCCCTGGT TGACTTAAGG ACCAAGGGTC GAACTGCTCG 4560
ATAAGTGGAT TAGCAGGCGT CTTCCTTCCT TTTGACCTTT CCAGCCATGT AAATTGAACT 4620
TAATGTTTTG CTGACCATAA ATGTGTGGCC CTAGCAATGG TCTTTTAAAA CTCAGGATTT 4680
TCCTTTCTCT CTCCTATTAT TAGACTTATT CGTCTAATGG AAGAGATCAT GAGTGAGAAG 4740
GAGAATAAAA CCATTGTTTT TGTGGAAACC AAAAGAAGAT GTGATGAGCT TACCAGAAAA 4800
ATGAGGAGAG ATGGGTATGT GTGAGCTCCT CCTTGAAGCA GATTGATTAA AACAGCTTAG 4860
GAAGGGCAAA CTTGGATCAC GAGCAGTGGA TTTTTTTCAT ATCTGATAGT GAATTTAACT 4920
TTTTCATTTC TGGCGAAATT AAAGAGATCT GTGACCAAAA GTGGTCAAGC ACTGGAGTCT 4980
GAGGTTTTCA ATGTGAGTTT AATAACACAA CTTGTCTTTT AACTTAGGTG GCCTGCCATG 5040
GGTATCCATG GTGACAAGAG TCAACAAGAG CGTGACTGGG TTCTAAATGG TAAATATTTC 5100
AAATGAAGTA TTTTTCCCCC TTACTTAACC TAGCTAGAAT TCAAACATGG AAAAGCTCCT 5160
ATTCTGATTG CTACAGATGT GGCCTCCAGA GGGCTAGGTT AGTACAAACT CGCATTCATG 5220
GCTTGGTTTC CCAGAAGATC TCCATTTAAC TTTTTTAAAG AAAGTTTATT GCTTTCTTTA 5280
ACCTGCATTT TTTCTAAGTT TTTTTTCACA TAAAGGTGCT GTCTTTGTGG CAAGGCCTAG 5340
GCATGACAAT CGGAGGACTC GAGGGGGATG GAGGACTAGT GATCGGCTGG CTGCTTCCAG 5400
TCGATTAGAG AGGTGAAAAG CTGAACGTGT GCCAGTAATC TTCAAAAGGC AGAACATATC 5460
ACCTCTGCCC CGTAAACTGT TCTCTCCGAG GGAAAAAATG GAAGTTATCT CACAGTTCAC 5520
TGCCGTGGTA TTTCTTCTGT CCCATGCTTT GCATGACTGC CATGGTACAG CCTTGTTTCA 5580
AACTGTTCAC TGTGATCTGT GGGTCTTTGA GTTTCAGTGA GTTTGCTGAA ATGTCGAAGA 5640
AGTAGTTCCA AACTTCAATG TTCAATGAAA TTTTTGTTCA AGTTTGAAAT GGAGAGAGCA 5700
GCTTTAAAAG GTACTAAGCC TTTTACAAAT TGGTGAGTTA CTGGCACATG AGATCTAGAG 5760
CAGGAGCAAC TTCTACACAC TATGAGTAAG TGGGAAAAGA AAGTGCTTTG AAAGTTCCTC 5820
CCTCACCTAC ACAGTAGTCG TCATGTCGAG ACCTGCCAGA GAGAGACACA TTCTCAAGTG 5880
AATCCTGGCT TCTTGGAAGC GCTTGCCTAG ACGAGACACA GTGCATAAAA ACAACTTTTG 5940
GGGGACAGGT ATGTTTTCTT GCAGCTGCGG TTGTAAGGTC TTGGCAAGAC AAGCAGTGTG 6000

GCCAGAATTT TGAACTTCTG ATGAATGTGT AATGCAAAGG ACCTTGTACA TTTTTTTGTT 6060
TCAAGGTCCT CAAAATGAGC ACATGAAGAG GTTGCTGTGA AACTTTAAGT GGCCCTACTG 6120
CGCAGAAGCA TTCAGATGTC ACTTGATGAT CTGTAAGGGA ACTTGCTGAT TTGGGAATGT 6180
GCTTATTTAA CACACATTCC TTTTGACAGG GTCTGTCACT GGGGTGGGGG TGATGAATTA 6240
TACAGATGAC ATGTGCTTTT TTTTTCTTTT TTCAACCTCA ATGGTATTCC TACAGGAAAT 6300
GGATAACCAT TTTAACTGTA TTTTTTTGCA GCCCGTACCT TCTTGGGAAT ACAATTGTCT 6360
AACTTTTTAT TTTTGGTCTG GCTGTTGTGG TGTGCAAAAC TCCGTACATT GCTATTTTGC 6420
CACACTGCAA CACCTTACAG ATGTGGAAGA TGTGAAATTT GTCATCAATT ATGACTACCC 6480
TAACTCCTCA GAGGATTATA TTCATCGAAT TGGAAGAACT GCTCGCAGTA CCAAAACAGG 6540
CACAGCATAC ACTTTCTTTA CACCTAATAA CATAAAGCAA GTGAGCGACC TTATCTCTGT 6600
GCTTCGTGAA GCTAATCAAG CAATTAATCC CAAGTTGCTT CAGTTGGTCG AAGACAGAGG 6660
TTCAGGTAAG GATGACTGAT AGGAAATGTT GGTAGTTACG GTCACTACGT ATACAAATCC 6720
ATTTAAATGG TATTGGAGGG TGAGTAAAAC CTTGAAGTGA AAACTTAAGC TGAAAAATTG 6780
TAAAAACATT TCACGCCTAC CATGAATAGA TCTGTTTCTT CTGTCCACAA TGATTTGTGT 6840
CATAGACATA ATTGATCAAT TTGCAATTGT TTTCTTGACA GGTCGTTCCA GGGGTAGAGG 6900
AGGCATGAAG GATGACCGTC GGGACAGATA CTCTGCGGGC AAAAGGGGTG GATTTAATAC 6960
CTTTAGAGAC AGGGAAAATT ATGACAGAGG TTACTCTAGC CTGCTTAAAA GAGATTTTGG 7020
GGCAAAAACT CAGAATGGTG TTTACAGTGC TGCAAATTAC ACCAATGGGA GCTTTGGAAG 7080
TAATTTTGTG TCTGCTGGTA TACAGACCAG TTTTAGGACT GGTAATCCAA CAGGGACTTA 7140
CCAGAATGGT TATGATAGCA CTCAGCAATA CGGAAGTAAT GTTCCAAATA TGCACAATGG 7200
TATGAACCAA CAGGCATATG CATATCCTGC TACTGCAGCT GCACCTATGA TTGGTTATCC 7260
AATGCCAACA GGATATTCCC AATAAGACTT TAGAAGTATA TGTAAATGTC TGTTTTTCAT 7320
AATTGCTCTT TATATTGTGT GTTATCTGAC AAGATAGTTA TTTAAGAAAC ATGGGAATTG 7380
CAGAAATGAC TGCAGTGCAG CAGTAATTAT GGTGCACTTT TTCGCTATTT AAGTTGGATA 7440
TTTCTCTACA TTCCTGAAAC AATTTTTAGG TTTTTTTTGT ACTAGAAAAT GCAGGCAGTG 7500
TTTTCACAAA AGTAAATGTA CAGTGATTTG AAATACAATA AATGAAGGCA ATGCATGGCC 7560
TTCCAATAAA AAATATTTGA AGACTGAATT AAGTGGAAAT TGTACTTTAT TTATATAATG 7620
TCATGTAAAA CTTTGCTTAA GATGGTCTGG TTTTTTTTTT GTTTTTGTTT GGTTTTTTTT 7680
TTCCATGAAA ACAAATGACT GTTCCTTTTT ATTTAATTTG GGAGGCAGGG GGAATCAGAA 7740
GGCCCTTCTT TATAATGAGC TATTCATATT GCAGGAGTCA GAATGAATTG ATACAGGTGA 7800
ATTTTTAGTT ACAGGCTAAA TTGCATAAAA GCTT 7834

Name: 256 Len: 903 Check: 215E

CGGCGGCGGC GACAGGACCG AGGGGCCTTA GTTGGTGGGC AAGTCGGGGA TCCCAGAAAG 60
AGAAGCGTGA CCCGGAAGCG GAAACGGGTG TCCGTCCCAG CTCCGGCCTG CCAGTGAGCT 120
TCTACCATCA TGGACCTATT GTTCGGGCGC CGGAAGACGC CAGAGGAGCT ACTGCGGCAG 180
AACCAGAGGG CCCTGAACCG TGCCATGCGG GAGCTGGACC GCGAGCGACA GAAACTAGAG 240
ACCCAGGAGA AGAAAATCAT TGCAGACATT AAGAAGATGG CCAAGCAAGG CCAGATGGAT 300
GCTGTTCGCA TCATGGCAAA AGACTTGGTG CGCACCCGGC GTTATGTGCG CAAGTTTGTA 360
TTGATGCGGG CCAACATCCA GGCTGTGTCC CTCAAGATCC AGACACTCAA GTCCAACAAC 420
TCGATGGCAC AAGCCATGAA GGGTGTCACC AAGGCCATGG GCACCATGAA CAGACAGCTG 480
AAGTTGCCCC AGATCCAGAA GATCATGATG GAGTTTGAGC GGCAGGCAGA GATCATGGAT 540
ATGAAGGAGG AGATGATGAA TGATGCCATT GATGATGCCA TGGGTGATGA GGAAGATGAA 600
GAGGAGAGTG ATGCTGTGGT GTCCCAGGTT CTGGATGAGC TGGGACTTAG CCTAACAGAT 660
GAGCTGTCGA ACCTCCCCTC AACTGGGGGC TCGCTTAGTG TGGCTGCTGG TGGGAAAAAA 720
GCAGAGGCCG CAGCCTCAGC CCTAGCTGAT GCTGATGCAG ACCTGGAGGA ACGGCTTAAG 780
AACCTGCGGA GGGACTGAGT GCCCCTGCCA CTCCGAGATA ACCAGTGGAT GCCCAGGATC 840
TTTTACCACA ACCCCTCTGT AATAAAAGAG ATTTGACACT AAAAAAAAAA AAAAAAAAAA 900
AAA 903

Name: 257 Len: 1860 Check: DF4

CGTGAACGGT CGTTGCAGAG ATTGCGGGCG GCTGAGACGC CGCCTGCCTG GCACCTAGGA 60
GCGCAGCGGA GCCCCGACAC CGCCGCCGCC GCCATGGAGT CCGAGACCGA ACCCGAGCCC 120
GTCACGCTCC TGGTGAAGAG CCCCAACCAG CGCCACCGCG ACTTGGAGCT GAGTGGCGAC 180
CGCGGCTGGA GTGTGGGCCA CCTCAAGGCC CACCTGAGCC GCGTCTACCC CGAGCGTCCG 240
CGTCCAGAGG ACCAGAGGTT AATTTATTCT GGGAAGCTGT TGTTGGATCA CCAATGTCTC 300
AGGGACTTGC TTCCAAAGCA GGAAAAACGG CATGTTTTGC ATCTGGTGTG CAATGTGAAG 360
AGTCCTTCAA AAATGCCAGA AATCAACGCC AAGGTGGCTG AATCCACAGA GGAGCCTGCT 420
GGTTCTAATC GGGGACAGTA TCCTGAGGAT TCCTCAAGTG ATGGTTTAAG GCAAAGGGAA 480
GTTCTTCGGA ACCTTTCTTC CCCTGGATGG GAAAACATCT CAAGGCCTGA AGCTGCCCAG 540
CAGGCATTCC AAGGCCTGGG TCCTGGTTTC TCCGGTTACA CACCCTATGG GTGGCTTCAG 600
CTTTCCTGGT TCCAGCAGAT ATATGCACGA CAGTACTACA TGCAATATTT AGCAGCCACT 660
GCTGCATCAG GGGCTTTTGT TCCACCACCA AGTGCACAAG AGATACCTGT GGTCTCTGCA 720
CCTGCTCCAG CCCCTATTCA CAACCAGTTT CCAGCTGAAA ACCAGCCTGC CAATCAGAAT 780
GCTGCTCCTC AAGTGGTTGT TAATCCTGGA GCCAATCAAA ATTTGCGGAT GAATGCACAA 840

```
GGTGGCCCTA TTGTGGAAGA AGATGATGAA ATAAATCGAG ATTGGTTGGA TTGGACCTAT   900
TCAGCAGCTA CATTTTCTGT TTTTCTCAGT ATCCTCTACT TCTACTCCTC CCTGAGCAGA   960
TTCCTCATGG TCATGGGGGC CACCGTTGTT ATGTACCTGC ATCACGTTGG GTGGTTTCCA  1020
TTTAGACCGA GGCCGGTTCA GAACTTCCCA AATGATGGTC CTCCTCCTGA CGTTGTAAAT  1080
CAGGACCCCA ACAATAACTT ACAGGAAGGC ACTGATCCTG AAACTGAAGA CCCCAACCAC  1140
CTCCCTCCAG ACAGGGATGT ACTAGATGGC GAGCAGACCA GCCCCTCCTT TATGAGCACA  1200
GCATGGCTTG TCTTCAAGAC TTTCTTTGCC TCTCTTCTTC CAGAAGGCCC CCCAGCCATC  1260
GCAAACTGAT GGTGTTTGTG CTGTAGCTGT TGGAGGCTTT GACAGGAATG GACTGGATCA  1320
CCTGACTCCA GCTAGATTGC CTCTCCTGGA CATGGCAATG ATGAGTTTTT AAAAAACAGT  1380
GTGGATGATG ATATGCTTTT GTGAGCAAGC AAAAGCAGAA ACGTGAAGCC GTGATACAAA  1440
TTGGTGAACA AAAAATGCCC AAGGCTTCTC ATGTGTTTAT TCTGAAGAGC TTTAATATAT  1500
ACTCTATGTA GTTTAATAAG CACTGTACGT AGAAGGCCTT AGGTGTTGCA TGTCTATGCT  1560
TGAGGAACTT TTCCAAATGT GTGTGTCTGC ATGTGTGTTT GTACATAGAA GTCATAGATG  1620
CAGAAGTGGT TCTGCTGGTA AGATTTGATT CCTGTTGGAA TGTTTAAATT ACACTAAGTG  1680
TACTACTTTA TATAATCAAT GAAATTGCTA GACATGTTTT AGCAGGACTT TTCTAGGAAA  1740
GACTTATGTA TAATTGCTTT TTAAAATGCA GTGCTTTACT TTAAACTAAG GGGAACTTTG  1800
CGGAGGTGAA AACCTTTGCT GGGTTTTCTG TTCAATAAAG TTTTACTATG AATGACCCTG  1860
Name: 258                Len:  5350  Check:    199C
TTTATTGAAC ATTTATTCTG TTCAAAACAT TCCCAAAGGC AACAGAAGAT ACAAATAAAT    60
CTCTGCCCAT GAAAAGGTGT GGGGGGCATT AGAAGGCGTT CTCTTCGGTG TAATGAAGTA   120
ATGAGAGAAG AAAAAGTAGT TTGAAGCTAT GGAGTAAGGG ACTTTGAGTA TCCCAGGCTC   180
AAAAAGTTGG GACTTGAACA GTACGGGGGT GCTGCTGAAA ACGTTTGAGG GAGGTAATGA   240
CATGATCGAA GCTATACTTG AGAAAGGTGA ATCTGATAAA GTATGAGTGA AAAAGAGACT   300
GAAGGTCTAG AAATTAGATT GAGGCTAATG ACAAAATCCA CATAAATAGG AGGACTTGAA   360
CGAAGGGGCA CTTAGAAGAG GACAGGAGAT AGTAAAAGGC ATTCAATGAT GAGAGCACAC   420
ACTACAGGGG AGCATGAGGG AGGTTGGAAA AGATAATGAA AGGATTACCG AGCTTCACTG   480
ACGATGTGTT TGAAATGAGC AGGAATCTTG TAGTGATCCT AATCCGTGGT TTTCTGGAGC   540
ATTTCACAGC CTAGGAACAT ACAAGGGGGG CATCTCCCTG GAATGTAAAT TGACTAAGAG   600
GAATTCAATA ATGGTCAAAT GAATGCAGAA TTTTAGAGTC TTGCTTAGTA TTCTCACCAC   660
ATTTCGTTTA GTCTACTCAT ACTCTTTTTC TCTTACTGCT GACACTAGAT GGAAAAACTC   720
TTAATTAAAA GTATTTCACA AAATGTGCTC GTTTTCAGTC ATTCCGTTTC CACTCCAGCC   780
TGTTGTGTTG TTTTTTTGAA ATAATAATTT AAAGTAATTT TCCTTTTGCA GGATGGCATA   840
GTCAATCCAA CAATAAGAAA AGATTTGAAA ACTGGACCGA AATTCTACTG CTGTCCAATT   900
GAAGGCTGCC CCAGAGGCCC TGAGAGACCG TTTTCTCAGT TTTCTCTCGT AAAACAGCAC   960
TTTATGAAAA TGCATGCTGA GAAGAAGCAC AAATGTAGTA AGTGCAGCAA TTCGTACGGT  1020
ACAGAATGGG ACCTGAAAAG ACATGCAGAG GACTGTGGCA AGACCTTCCG GTGCACATGC  1080
GGCTGTCCCT ACGCCAGTAG AACAGCACTG CAGTCTCACA TCTACCGAAC TGGGCACGAG  1140
ATACCTGCAG AACACAGGGA CCCACCTAGT AAGAAAAGGA AAATGGAAAA CTGTGCACAA  1200
AACCAGAAGT TATCCAACAA GACCATTGAA TCATTGAACA ACCAACCAAT CCCTAGACCA  1260
GACACTCAAG AACTAGAAGC TTCAGAAATA AAGCTAGAAC CATCTTTTGA AGACTCTTGT  1320
GGCTCTAACA CTGACAAGCA GACTCTTACA ACACCACCGA GATATCCTCA GAAGTTGCTT  1380
TTACCAAAGC CCAAAGTGGC TTTGGTTAAA CTACCCGTGA TGCAGTTTTC TGTCATGCCT  1440
GTCTTTGTGC CTACAGCCGA CTCCTCAGCC CAGCCTGTGG TGTTAGGTGT TGATCAGGGC  1500
TCTGCCACAG GGGCTGTGCA CTTAATGCCC TTGTCAGTAG GAACCCTGAT CCTCGGCCTA  1560
GATTCAGAGG CTTGCTCTCT TAAGGAGAGC CTACCTCTTT TCAAAATTGC TAATCCTATT  1620
GCTGGTGAGC CAATAAGTAC TGGTGTTCAA GTGAACTTTG GTAAAAGTCC ATCTAATCCT  1680
TTACAAGAAC TAGGGAACAC GTGTCAAAAG AATAGCATTT CTTCAATCAA CGTGCAGACA  1740
GATCTGTCTT ATGCCTCACA AAACTTTATA CCTTCTGCAC AGTGGGCCAC TGCTGATTCC  1800
TCTGTGTCGT CTTGTTCTCA AACTGATTTG TCGTTTGATT CTCAAGTGTC TCTTCCCATT  1860
AGTGTTCACA CTCAGACATT TTTGCCCAGC TCTAAGGTAA CTTCATCTAT AGCTGCTCAG  1920
ACTGATGCAT TTATGGACAC CTGTTTCCAG TCAGGTGGGG TCTCCAGAGA AACTCAAACC  1980
AGTGGGATAG AAAGTCCAAC GGATGACCAT GTACAGATGG ACCAAGCTGG AATGTGCGGA  2040
GACATTTTTG AGAGTGTTCA TTCATCATAT AATGTTGCTA CAGGTAACAT TATAAGCAAC  2100
AGTTTAGTAG CAGAGACAGT AACTCATAGT TTGTTACCTC AGAATGAGCC TAAGACTTTA  2160
AATCAAGATA TTGAGAAATC TGCACCAATT ATAAATTTCA GTGCACAGAA TAGTATGCTT  2220
CCTTCACAGA ACATGACAGA TAATCAGACC CAAACCATAG ATTTATTAAG TGATTTGGAA  2280
AACATCTTGT CAAGTAATCT GCCTGCCCAG ACATTGGATC ATCGTAGTCT TTTGTCTGAC  2340
ACAAATCCTG GACCTGACAC CCAGCTCCCA TCTGGCCCAG CCCAGAACCC CGGAATCGAT  2400
TTTGATATCG AAGAGTTCTT TTCGGCCTCA AATATCCAGA CTCAAACTGA AGAGAGTGAA  2460
CTTAGCACCA TGACCACCGA GCCAGTCTTG GAGTCACTGG ACATAGAGAC TCAAACGGAC  2520
TTCTTACTCG CAGATACCTC TGCTCAGTCC TATGGGTGTA GGGGAAATTC TAACTTCTTA  2580
GGCCTTGAGA TGTTTGACAC ACAGACACAG ACAGACTTAA ACTTTTTCTT AGACAGTAGC  2640
CCTCATCTGC CTCTGGGAAG TATTCTGAAA CACTCCAGCT TTTCCGTGAG TACTGATTCA  2700
```

40

```
TCTGACACAG AGACCCAAAC TGAAGGAGTC TCCACTGCTA AAAATATACC TGCTCTAGAA  2760
AGCAAAGTTC AGTTGAACAG TACAGAAACA CAGACCATGA GTTCTGGGTT TGAAACCCTG  2820
GGGAGCTTGT TCTTCACCAG CAACGAAACT CAGACAGCAA TGGATGACTT TCTTCTGGCT  2880
GATCTGGCCT GGAACACGAT GGAGTCTCAG TTCAGCTCTG TAGAAACCCA GACTTCTGCG  2940
GAACCACACA CAGTCTCCAA CTTCTAAAAC TAACGGTGGA GTCCATGTGT GAAATGGCAT  3000
CTACCATTTC CTCTGGATTA AAACTACGGA CTGGGGACAA CAGTATTAAT TCGATTGAAT  3060
GTGGCTGATG ATGCAGTTGC TTAGCTTCTT TGTGTTTCTT TGCCTTTTGT ACTTGTAAAC  3120
AGAAATTTGC GTATAAATGT GAGTGTATTA TAAAGTTTGA GATGTTGATC TAAATTGTTT  3180
TTGTGTTGCC TACATTTGCC TTTTCACAGC TAGTCTTTTC ATGTTAAAAA AAAAATGTAT  3240
TTCATATCTA TAAAACCTAT ATAGCCATTT AGCTGAAGCC CAGCTTACCA GGTTCAAGGG  3300
TACAAACTTC TCAAATCTTC AAAACATTTT AGTCAAAGTG TAATATACTT AAACTGCACC  3360
TAAAATATCT TTGGCACTGC TTGTTAGAAA TTCCTGATTC CTGTTACTAA TCACTAAAGA  3420
AACCGGATGC TGCCACCGTA GGATTTAAGC AGTAGTGCTT CCATGCTCTT AAGACTCCTG  3480
CTGCCTGGAC CTTCGTCAGC TTTGACACCT CTTTTCTGAT TTAAAGACAC CAAGGAAAAC  3540
TACAACTGTC TTTAGCTTTG AAGCAGTTTT CATGTAATCA TTGCCACCTC TTCGCTACAT  3600
GAACTACTAT TGATACCAGC ATACAAGTGT ATAGCACTTT ACACACAAGA GGTTTATTGA  3660
TGTAAAATTA TCGGCTAGGG AAGCAGCAGC GGGCCAGGTG TGGTGGCTTA CCCCTGTAAT  3720
CCCAGCACTT TGGGAGGCCA AAGCAGGACG ATCACTTGAG CCCAGGAGTT CAACACCAGC  3780
TTGGGCAACA TAAGAAGACC GTGTCTCTGG AATTTTTTTT TTTTTTAATT AGCCAGGCAC  3840
AGTGGCATGC GCCTGTGATC CCAGCTACTT GGAAGGCTGA GGTGAGAGGA TCACTCGAGG  3900
AGATTGGGGC TGCCATGAGC CATGGTCTTG GCACTGTACT CCAACCTGGG TAACAGGGCA  3960
AGACCCTATC TCAAAAAAAA AAAAAAAAGT CGCCAGCAAC AAGCACGTAG TGTAGTGTTC  4020
CTGCTAAATG AGCATAGGTT ATCCAAACCT TGGGAACAGG GAGTTATGGA AACGTGCCTA  4080
TGACTTCATC TTGGGGTGTG TCCTATGAAG ATCCTTTCTG GTCTCCACAG TAGGCCAGAG  4140
TTGGGGGCTC TGGAGCTGTT TCCCCAAGTG CATCCACAAG CTGGATCTGA GTTTTGTCAC  4200
TCTAAAATTA AACAAGAAAA AAAGTGGGAA AAGGGCATCC CCCATTAGGT TTCAATACTT  4260
TGCACTTCTA CTAAGCTTGA TAGGGCAGGA GTGCAATCTA CAATTATTTT AAAGTGAATT  4320
TCCTTCCATT CACCATTCTT TATCTTTTCT TTGAATAAGA AAAAGTATCT AGCAAGGATA  4380
TTACTTGTGC CTTGAGGCTA GCAATTATAG GATAGATTCA TCTAAAATAT GGTATTCTGC  4440
ATTTTGGTTT TTTTTCTTAA GTGAATAATA CCAGTCTTCA AAGAAAACAA GGTGAAGACC  4500
TATTGCTTCA ATAATCAAGA ATGCTTTGTG TGTTTTGAGG TAGGAGCATG ATCAAGTATG  4560
CTTTGGGGAT TTTCTGTATT TAGGAGATCC TGGATTCTTA ATTGTTGGCT AAGTTCCAGT  4620
CAAGTAGGAA TCAGTGCAGC CTGTAAGTTC TCCACATTGA CACACACACA CACACACACA  4680
CACACACACA CACACGACAT GCTCCTTTCT GTGGCACATG CCTGTATTAC TGAAAGCTAA  4740
ATCCTCAAAA CCTAGTAAGG GGACCAATGA TTCATTAAAG TAAATTGATG GTTTTGCTAC  4800
TAATTCCTAT CCCATACATT TGACACAAAA GAAGTGTTGG TAATGGATAA ATAACATATC  4860
CCGGGCAGAT GAGCTCAACC TAGTAGGTAA GAGTTTGGTT TGGTCACAGT TGCCTATGAG  4920
TGTGGGTTTC AAAAGAAACA TAAAGCCTTA ACTTAGAATT TCATTATGTT TTAGAATCAT  4980
CACTGCCTTA ATATTCAAGC ATCTATTTAA GTCCTAATAA AGGAGAAATG CATGTTTATG  5040
GCTTTTTTGT AAATATAAAT GCAGTGATCT ATGGCTTAAA AAATTTGTTT CTGTGACAAT  5100
GTTTGTAAAT CTAGCCAATA GAGTCATTTA CAGAAGAAAA ATGAGCATGT AATAATACAA  5160
GAACTGTTTC CCCCTCAAAA CCTGAACCTG AATTATTTGT AAAAACTGAA ATTTAATGAT  5220
TAAAGAGAAG CCAGAATTGT ACCCTTTTTT GTGAATTCTT GAACGTACTC ATAAATATGA  5280
CTTATTGTAT TGCCTTAAGT TTTCACTCAT TGTCTTTTGA AAGCCATATG ATAAAATGAT  5340
TTTATTTAAT                                                         5350
```

Name: 259 Len: 3497 Check: 233D

```
CTGTGGGATC AGAGGGCACG CCTATTACAA CCAGAAAACT ACAAGTATAA CAGCGAGGAT    60
GGATGAACAG GCTCTATTAG GGCTAAATCC AAATGCTGAT TCAGACTTTA GACAAAGGGC   120
CCTGGCCTAT TTTGAGCAGT TAAAAATTTC CCCAGATGCC TGGCAGGTGT GTGCAGAAGC   180
TCTAGCCCAG AGGACATACA GTGATGATCA TGTGAAGTTT TTCTGCTTTC AAGTACTGGA   240
ACATCAAGTT AAATACAAAT ACTCAGAACT AACCACTGTT CAACAACAGC TAATTAGGGA   300
GACGCTCATA TCATGGCTGC AAGCTCAGAT GCTGAATCCC CAACCAGAGA AGACCTTTAT   360
ACGAAATAAA GCCGCCCAAG TCTTCGCCTT GCTTTTTGTT ACAGAGTATC TCACTAAGTG   420
GCCCAAGTTT TTTTTTGACA TTCTCTCAGT AGTGGACCTA AATCCAAGGG GAGTAGATCT   480
CTACCTGCGA ATCCTCATGG CTATTGATTC AGAGTTGGTG GATCGTGATG TGGTGCATAC   540
ATCAGAGGAG GCTCGTAGGA ATACTCTCAT AAAAGATACC ATGAGGGAAC AGTGCATTCC   600
AAATCTGGTG GAATCATGGT ACCAAATATT ACAAAATTAT CAGTTTACTA ATTCTGAAGT   660
GACGTGTCAG TGCCTTGAAG TAGTTGGGGC TTATGTCTCT TGGATAGACT TATCCCTTAT   720
AGCCAATGAT AGGTTTATAA ATATGCTGCT AGGTCATATG TCAATAGAAG TTCTACGGGA   780
AGAAGCATGT GACTGTTTAT TTGAAGTTGT AAATAAAGGA ATGGACCCTG TTGATAAAAT   840
GAAACTAGTG GAATCTTTGT GTCAAGTATT ACAGTCTGCT GGGTTTTTCA GCATTGACCA   900
GGAAGAAGAT GTTGACTTCC TGGCCAGATT TTCTAAGTTG GTAAATGGAA TGGGACAGTC   960
ATTGATAGTT AGTTGGAGTA AATTAATTAA GAATGGGGAT ATTAAGAATG CTCAAGAGGC  1020
```

41

ACTACAAGCT ATTGAAACAA AAGTGGCACT GATGTTGCAG CTACTAATTC ATGAGGATGA 1080
TGATATTTCT TCTAATATTA TTGGATTTTG TTACGATTAT CTTCATATTT TGAAACAGCT 1140
TACAGTGCTC TCGGATCAGC AAAAAGCTAA TGTAGAGGCA ATCATGTTGG CCGTTATGAA 1200
AAAATTGACT TACGATGAAG AATATAACTT TGAAAATGAG GGTGAAGATG AAGCCATGTT 1260
TGTAGAATAT AGAAAACAAC TGAAGTTACT GTTGGACAGG CTTGCTCAAG TTTCACCAGA 1320
GTTACTACTG GCCTCTGTTC GCAGAGTTTT TAGTTCTACA CTGCAGAATT GGCAGACTAC 1380
ACGGTTTATG GAAGTTGAAG TAGCAATAAG ATTGCTGTAT ATGTTGGCAG AAGCTCTTCC 1440
AGTATCTCAT GGTGCTCACT TCTCAGGTGA TGTTTCAAAA GCTAGTGCTT TGCAGGATAT 1500
GATGCGAACT CTGGTAACAT CAGGAGTCAG TTCCTATCAG CATACATCTG TGACATTGGA 1560
GTTCTTCGAA ACTGTTGTTA GATATGAAAA GTTTTTCACA GTTGAACCTC AGCACATTCC 1620
ATGTGTACTA ATGGCTTTCT TAGATCACAG AGGTCTGCGG CATTCCAGTG CAAAAGTTCG 1680
GAGCAGGACG GCTTACCTGT TTTCTAGATT TGTCAAATCT CTCAATAAGC AAATGAATCC 1740
TTTCATTGAG GATATTTTGA ATAGAATACA AGATTTATTA GAGCTTTCTC CACCTGAGAA 1800
TGGCCACCAG TCCTTACTGA GCAGCGATGA TCAACTTTTT ATTTATGAGA CAGCTGGAGT 1860
GCTGATTGTT AATAGTGAAT ATCCGGCAGA AAGGAAACAA GCCTTAATGA GGAATCTGTT 1920
GACTCCACTA ATGGAGAAGT TTAAAATTCT GTTAGAAAAG TTGATGCTGG CACAAGATGA 1980
AGAAAGGCAA GCCTCTCTAG CAGACTGTCT TAACCATGCT GTTGGATTTG CAAGTCGAAC 2040
CAGTAAAGCT TTCAGCAACA AACAGACTGT GAAACAATGT GGCTGTTCCG AAGTTTATCT 2100
GGACTGTTTA CAGACATTCT TGCCAGCCCT CAGTTGTCCC TTACAAAAGG ATATTCTCAG 2160
AAGTGGAGTC CGTACTTTCC TTCATCGAAT GATTATTTGC CTGGAGGAAG AAGTTCTTCC 2220
GTTCATTCCA TCTGCTTCAG AACATATGCT CAAAGATTGT GAAGCAAAAG ATCTCCAGGA 2280
GTTCATTCCT CTTATCAACC AGATTACGGC CAAATTCAAG ATACAGGTAT CCCCGTTTTT 2340
ACAACAGATG TTCATGCCCC TGCTTCATGC AATTTTTGAA GTGCTGCTCC GGCCAGCAGA 2400
AGAAAATGAC CAGTCTGCTG CTTTAGAGAA GCAGATGTTG CGGAGGAGTT ACTTTGCTTT 2460
CCTGCAAACA GTCACAGGCA GTGGGATGAG CGAAGTTATA GCAAATCAAG GTGCAGAGAA 2520
TGTAGAAAGA GTGTTGGTTA CTGTTATCCA AGGAGCAGTT GAATATCCAG ATCCAATTGC 2580
ACAGAAAACA TGTTTTATCA TCCTCTCAAA GTTGGTAGAA CTCTGGGGAG GTAAAGATGG 2640
ACCAGTGGGA TTTGCTGATT TTGTTTATAA GCACATTGTC CCCGCATGTT TCCTAGCACC 2700
TTTAAAACAA ACCTTTGACC TGGCAGATGC ACAAACAGTA TTGGCTTTAT CTGAGTGTGC 2760
AGTGACACTG AAAACAATTC ATCTCAAACG GGGCCCAGAA TGTGTTCAGT ATCTTCAACA 2820
AGAATACCTG CCCTCCTTGC AAGTAGCTCC AGAAATAATT CAGGAGTTTT GTCAAGCGCT 2880
TCAGCAGCCT GATGCTAAAG TTTTTAAAAA TTACTTAAAG GTGTTCTTCC AGAGAGCAAA 2940
GCCCTGAGGA CTGGATTTCC CTGTGCCTAC TTCATGATCA TGAATTCCAG TTAATTTATA 3000
AAGAGGCGAT TTTTGTGTGC CATTCACACT GGTCTTTTTC ACATTGTTTT GAGCTTATTG 3060
CAGTATATGT TTTGGGATTT TTCTGTAAAA TGGGTGTAAT TTTCCTAATA CAGGTATGTA 3120
ACAACAAAAG AAGTTGCCTG CATGCCGGTC CAAATTGTTC TGTATAAAGA TGCTCTTAAA 3180
AGACACAAGA GTTATCCTAG AACCTTAATT CTTTTTTATT TGAAATTTTA AGTCAAGTCC 3240
TTTATAAAGA CCATAGCAGT GGAAAACAGT GTACTTTTTA AAAAATTGCT GAATATAAAA 3300
TCTTTGAAAA TTTTCTTTAT GTGTGAAGAC ACAAAGTATG GGGGAAGACA GCAATCAAAA 3360
CTAACTTTTT GTAGATAGCC ATTTCATTTC TTTAAACTGT TTCAACGCCA ATATGTATTC 3420
TACAAAAGAG AATGGTTTTA GGCTCCAGTG TTATACTTTT TTTTATATAT ATATATAAAA 3480
ATAAACTTTA CGTAGTG 3497

Name: 26 Len: 620 Check: 9F5

AATTCGGCAT GAGGGGGCAC AGAGCCATCT TCTTCAATCG GATCGGTGGA GTGCAGCAGG 60
ACACTATCCT GGCCGAGGGC TNTCACTTCA GGATCCCTTG GTTCCAGTAC CCCATTATCT 120
ATGACATTCG GGCCAGACCT CGAAAAATCT CCTCCCCTAC AGGCTCCAAA GACCTACAGA 180
TGGTGAATAT CTCCCTGCGA GTGTTGTCTC GACCCAATGC TCAGGAGCTT CCTAGCATGT 240
ACCAGCGCCT AGGGCTGGAC TACGAGGAAC GAGTGTTGCC GTCCATTGTC AACGAGGTGC 300
TCAAGAGTGT GGTGGCCAAG TTCAATGCCT CACAGCTGAT CACCCAGCGG GCCCAGGTAT 360
CCCTGTTGAT CCGCCGGGAG CTGACAGAGA GGGCCAAGGA CTTCAGCCTC ATCCTGGATG 420
ATGTGGCCAT CACAGAGCTG AGCTTTANCC GAGAGTACAC AGCTGCTGTA GAAGCCAAAC 480
AAGTGGCCCA NCAGGAGGCC AGCCGANATT TCTTGGTAGA AAAANCAAAN AGGAACAGCG 540
GCAGAAANTG TCAGGCCGAG GTGAGCGAGC TGCAAGATGC TTGAGAACAT GANAAGAACC 600
TGGCTACATA ACTNGCAAGA 620

Name: 260 Len: 5238 Check: 16B5

GAATTCGGCA CGAGGTCTTC CTGTCCCGGA GCTACCAGCG GCTCGCCGAT GCCTGTAGGG 60
GCCTCCTGGC ACTGCTGTTT CCTCTCAGAT ACAGCTTCAC CTATGTGCCC ATCCTGCCGG 120
CTCAGCTGCT GGAGGTCCTC AGCACACCCA CGCCCTTCAT CATTGGGGTC AACGCGGCCT 180
TCCAGGCAGA GACCCAGGAG CTGCTCGATG TGATTGTTGC TGATCTGGAT GGAGGGACGG 240
TCACCATTCC TGAGTGTGTG CACATTCCAC CCTTGCCAGA GCCACTGCAG AGTCAGACGC 300
ACAGTGTGCT GAGCATGGTC CTGGACCCGG AGCTGGAGTT GGCTGACCTC GCCTTCCCTC 360
CGCCCACGAC ATCCACCTCC TCCCTGAAGA TGCAGGACAA GGAGCTGCGC GCGGTCTTCC 420
TGCGCCTGTT CGCTCAGCTG CTGCAGGGCT ATCGCTGGTG CCTGCACGTC GTGCGCATCC 480

```
ACCCGGAGCC TGTCATCCGC TTCCATAAGG CAGCCTTCCT GGGGCAGCGT GCGCTGGTAG   540
AGGACGATTT CCTGATGAAG GTGCTGGAGG GCATGGCCTT TGCTGGCTTT GTGTCAGAGC   600
GTGGGGTCCC ATACCGCCCT ACGGACCTGT TCGATGAGCT GGTGGCCCAC GAGGTGGCAA   660
GGATGCGGGC GGATGAGAAC CACCCCCAGC GTGTCCTGCG TCACGTCCAG GAACTGGCAG   720
AGCAGCTCTA CAAGAACGAG AACCCGTACC CAGCCGTGGC GATGCACAAG GTACAGAGGC   780
CCGGTGAGAG CAGCCACCTG CGACGGGTGC CCCGACCCTT CCCCCGGCTG GATGAGGGCA   840
CCGTGCAGTG GATCGTGGAC CAGGCTGCAG CCAAGATGCA GGGTGCACCC CCAGCTGTGA   900
AGGCCGAGAG GAGGACCACC GTGCCCTCAG GGCCCCCCAT GACTGCCATA CTGGAGCGGT   960
GCAGTGGGCT GCATGTCAAC AGCGCCCGGC GGCTGGAGGT TGTGCGCAAC TGCATCTCCT  1020
ACGTGTTTGA GGGGAAAATG CTTGAGGCCA AGAAGCTGCT CCCAGCCGTG TTGAGGGCCC  1080
TGAAGGGGCG AGTTGCCCGC CGCTGCCTCG CCCAGGAGCT GCACCTGCAT GTGCAGCAGA  1140
ACCGTGCGGT CCTGGACCAC CAGCAGTTTG ACTTTGTCGT CCGTATGATG AACTGCTGCC  1200
TGCAGGACTG CACTTCTCTG GACGAGCATG GCATTGCGGC GGCTCTGCTG CCTCTGGTCA  1260
CAGCCTTCTG CCGGAAGCTG AGCCCGGGGG TGACGCAGTT TGCATACAGC TGTGTGCAGG  1320
AGCACGTGGT GTGGAGCACG CCACAGTTCT GGGAGGCCAT GTTCTATGGG GATGTGCAGA  1380
CTCACATCCG GGCCCTCTAC CTGGAGCCCA CGGAGGACCT GGCCCCCGCC CAGGAGGTTG  1440
GGGAGGCACC TTCCCAGGAG GACGAGCGCT CTGCCCTAGA CGTGGCTTCT GAGCAGCGGC  1500
GCTTGTGGCC AACTCTGAGT CGTGAGAAGC AGCAGGAGCT GGTGCAGAAG GAGGAGAGCA  1560
CGGTGTTCAG CCAGGCCATC CACTATGCCA ACCGCATGAG CTACCTCCTC CTGCCCCTGG  1620
ACAGCAGCAA GAGCCGCCTA CTTCGGGAGC GTGCCGGGCT GGGCGACCTG GAGAGCGCCA  1680
GCAACAGCCT GGTCACCAAC AGCATGGCTG GCAGTGTGGC CGAGAGCTAT GACACGGAGA  1740
GCGGCTTCGA GGATGCAGAG ACCTGCGACG TAGCTGGGGC TGTGGTCCGC TTCATCAACC  1800
GCTTTGTGGA CAAGGTCTGC ACGGAGAGTG GGGTCACCAG CGACCACCTC AAGGGGCTGC  1860
ATGTCATGGT GCCAGACATT GTCCAGATGC ACATCGAGAC CCTGGAGGCC GTGCAGCGGG  1920
AGAGCCGGAG GCTGCCGCCC ATCCAGAAGC CCAAGCTGCT GCGGCCGCGC CTGCTGCCGG  1980
GTGAGGAGTG TGTGCTGGAC GGCCTGCGCG TCTACCTGCT GCCGGATGGG CGTGAGGAGG  2040
GCGCGGGGGG CAGTGCTGGG GGACCAGCAT TGCTCCCAGC TGAGGGCGCC GTCTTCCTCA  2100
CCACGTACCG GGTCATCTTC ACGGGGATGC CCACGGACCC CCTGGTTGGG GAGCAGGTGG  2160
TGGTCCGCTC CTTCCCGGTG GCTGCGCTGA CCAAGGAGAA GCGCATCAGC GTCCAGACCC  2220
CTGTGGACCA GCTCCTGCAG GACGGGCTCC AGCTGCGCTC CTGCACATTC CAGCTGCTGA  2280
AAATGGCCTT TGACGAGGAG GTGGGGTCTG ACAGCGCCGA GCTCTTCCGT AAGCAGCTGC  2340
ATAAGCTGCG GTACCCGCCG GACATCAGGG CCACCTTTGC GTTCACCTTG GGCTCTGCCC  2400
ACACACCTGG CCGGCCACCG CGAGTCACCA AGGACAAGGG TCCTTCCCTC AGAACCCTGT  2460
CCCGGAACCT GGTCAAGAAC GCCAAGAAGA CCATCGGGCG GCAGCATGTC ACTCGCAAGA  2520
AGTACAACCC CCCCAGCTGG GAGCACCGGG GCCAGCCGCC CCCTGAGGAC CAGGAGGACG  2580
AGATCTCAGT GTCGGAGGAG CTGGAGCCCA GCACGCTGAC CCCGTCCTCA GCCCTGAAGC  2640
CCTCCGACCG CATGACCATG AGCAGCCTGG TGGAAAGGGC TTGCTGTCGC GACTACCAGC  2700
GCCTCGGTCT GGGCACCCTG AGCAGCAGCC TGAGCCGGGC CAAGTCTGAG CCCTTCCGCA  2760
TTTCTCCGGT CAACCGCATG TATGCCATCT GCCGCAGCTA CCCAGGGCTG CTGATCGTGC  2820
GCCAGAGTGT CCAGGACAAC GCCCTGCAGC GCGTGTCCCG CTGCTACCGC CAGAACCGCT  2880
TCCCCGTGGT CTGCTGGCGC AGCGGGCGGT CCAAGGCGGT GCTGCTGCGC TCTGGAGGCC  2940
TGCATGGCAA AGGTGTCGTC GGCCTCTTCA AGGCCCAGAA CGCACCTTCT CCAGGCCAGT  3000
CCCAGGCGGA CTCGAGTAGC CTGGAGCAGG AGAAGTACCT GCAGGCTGTG GTCAGCTCCA  3060
TGCCCCGCTA CGCCGACGCG TCGGGACGCA ACACGCTTAG CGGCTTCTCC TCAGCCCACA  3120
TGGGCAGTCA CGGTAAGTGG GGCAGTGTCC GGACCAGTGG ACGCAGCAGT GGCCTTGGCA  3180
CCGATGTGGG CTCCCGGCTA GCTGGCAGAG ACGCGCTGGC CCCACCCCAG GCCAACGGGG  3240
GCCCTCCCGA CCCGGGCTTC CTGCGTCCGC AGCGAGCAGC CCTCTATATC CTTGGGGACA  3300
AAGCCCAGCT CAAGGGTGTG CGGTCAGACC CCCTGCAGCA GTGGGAGCTG GTGCCCATTG  3360
AGGTATTCGA GGCACGGCAG GTGAAGGCTA GCTTCAAGAA GCTGCTGAAA GCATGTGTCC  3420
CAGGCTGCCC CGCTGCTGAG CCCAGCCCAG CCTCCTTCCT GCGCTCACTG GAGGACTCAG  3480
AGTGGCTGAT CCAGATCCAC AAGCTGCTGC AGGTGTCTGT GCTGGTGGTG GAGCTCCTGG  3540
ATTCAGGCTC CTCCGTGCTG GTGGGCCTGG AGGATGGCTG GGACATCACC ACCCAGGTGG  3600
TATCCTTGGT GCAGCTGCTC TCAGACCCCT TCTACCGCAC GCTGGAGGGC TTTCGCCTGC  3660
TGGTGGAGAA GGAGTGGCTG TCCTTCGGCC ATCGCTTCAG CCACCGTGGA GCTCACACCC  3720
TGGCCGGGCA GAGCAGCGGC TTCACACCCG TCTTCCTGCA GTTCCTGGAC TGCGTACACC  3780
AGGTCCACCT GCAGTTCCCC ATGGAGTTTG AGTTCAGCCA GTTCTACCTC AAGTTCCTCG  3840
GCTACCACCA TGTGTCCCGC CGTTTCCGGA CCTTCCTGCT CGACTCTGAC TATGAGCGCA  3900
TTGAGCTGGG GCTGCTGTAT GAGGAGAAGG GGGAACGCAG GGGCCAGGTG CCGTGCAGGT  3960
CTGTGTGGGA GTATGTGGAC CGGCTGAGCA AGAGGACGCC TGTGTTCCAC AATTACATGT  4020
ATGCGCCCGA GGACGCAGAG GTCCTGCGGC CCTACAGCAA CGTGTCCAAC CTGAAGGTGT  4080
GGGACTTCTA CACTGAGGAG ACGCTGGCCG AGGCCCTCCC TATGACTGGG AACTGGCCCA  4140
GGGGCCCCCT GAACCCCCAG AGGAAGAACG GTCTGATGGA GGCGTCCCCA GAGCAGCGCC  4200
GCGTGGTGTG GCCCTGTTAC GACAGCTGCC CGCGGGCCCA GCCTGACGCC ATCTCACGCC  4260
```

43

```
TGCTGGAGGA GCTGCAGAGG CTGGAGACAG AGTTGGGCCA ACCCGCTGAG CGCTGGAAGG  4320
ACACCTGGGA CCGGGTGAAG GCTGCACAGC GCCTCGAGGG CCGGCCAGAC GGCCGTGGCA  4380
CCCCTAGCTC CCTCCTTGTG TCCACCGCAC CCCACCACCG TCGCTCGCTG GGTGTGTACC  4440
TGCAGGAGGG GCCCGTGGGC TCCACCCTGA GCCTCAGCCT GGACAGCGAC CAGAGTAGTG  4500
GCTCAACCAC ATCCGGCTCC CGTCAGGCTG CCCGCCGCAG CACCAGCACC CTGTACAGCC  4560
AGTTCCAGAC AGCAGAGAGT GAGAACAGGT CCTACGAGGG CACTCTGTAC AAGAAGGGGG  4620
CCTTCATGAA GCCTTGGAAG GCCCGCTGGT TCGTGCTGGA CAAGACCAAG CACCAGCTGC  4680
GCTACTACGA CCACCGTGTG GACACAGAGT GCAAGGGTGT CATCGACTTG GCGGAGGTGG  4740
AGGCTCTGGC ACCTGGCACG CCCACTATGG GTGCCCCTAA GACTGTGGAC GAGAAGGCCT  4800
TCTTTGACGT GAAGACAACG CGTCGCGTTT ACAACTTCTG TGCCCAGGAC GTGCCCTCGG  4860
CCCAGCAGTG GGTGGACCGG ATCCAGAGCT GCTGTCGGAC GCCTGAGCCT CCCAGCCCTG  4920
CCCGGCTGCT CTGCTCTCGT TACCGACCAC TAGGGGTGGC AGGGCCGCCC CGGCCATGTT  4980
TACAGCCCCG GCCCTCGACA GTACTGAGCC CCGAGCCCCC AGCACTTGTG TGTACAGCCC  5040
CCGTCCCCGC CCCGCCCCGC CCGGCCGGCC CTAACTTATT TTGGCGTCAC AGCTGAGCAC  5100
CGTGCCGGGA GGTGGCCAAG GTACAGCCCG CAATGGGCCT GTAAATAGTC CGGCCCCGTC  5160
AGCGTGTGCT GGTCCACGGG CTCAGGCGAG TTTCTAGAAA GAGTCTATAT AAAGAGAGAA  5220
CTAACGCCAA AAAAAAAA                                                5238
Name: 261                Len:  6450  Check:     91C
CGGCCTGGTC CGGGCCATGT CCGCGTGAGG ACCCCGCCGC TGTCGCCGCT CCCGTTCCGG    60
CCCTGGCCCC TCTGCCCGGC AGCGCGGCGC ACCATGGGCT CCATTCTCAG CCGCCGCATC   120
GCGGGGGTGG AGGACATCGA CATCCAGGCG AACTCGGCCT ATCGCTACCC TCCGAAGTCC   180
GGAAACTACT TTGCTTCGCA CTTTTTCATG GGAGGAGAGA AATTCGACAC CCCCCACCCT   240
GAAGGTTACC TCTTTGGAGA GAACATGGAT CTGAACTTCC TGGGCAGCCG CCCGGTCCAG   300
TTTCCCTACG TCACTCCTGC CCCCCACGAG CCCGTGAAGA CGCTGCGGAG CCTGGTGAAC   360
ATCCGCAAAG ACTCCCTGCG GCTGGTGAGG TACAAAGACG ATGCCGACAG CCCCACCGAG   420
GACGGCGACA AGCCCCGGGT GCTCTACAGC CTGGAGTTCA CCTTCGACGC CGATGCCCGC   480
GTGGCCATCA CCATCTACTG CCAGGCATCG GAGGAGTTCC TGAACGGCAG GGCAGTATAC   540
AGCCCCAAGA GCCCCTCGCT ACAGTCCGAG ACCGTCCACT ACAAGAGAGG GGTGAGCCAG   600
CAGTTCTCCC TGCCCTCCTT CAAGATTGAC TTCTCGGAAT GGAAGGATGA CGAGCTGAAC   660
TTTGACCTGG ACCGGGGCGT GTTTCCAGTA GTCATCCAGG CTGTGGTGGA CGAAGGAGAT   720
GTGGTGGAAG TGACTGGCCA CGCCCACGTG CTCTTGGCTG CCTTTGAAAA GCACATGGAC   780
GGCAGCTTCT CTGTGAAGCC TTTAAAGCAG AAGCAAATTG TGGACCGGGT CAGCTACCTC   840
CTGCAGGAGA TCTATGGCAT TGAGAACAAG AACAACCAGG AGACCAAGCC CTCGGACGAC   900
GAGAACAGCG ACAACAGCAA CGAGTGTGTG GTGTGCCTGT CCGACCTGCG GGACACGCTG   960
ATCCTGCCCT GCCGCCACCT GTGCCTCTGT ACCTCCTGCG CCGACACGCT GCGCTACCAG  1020
GCCAACAACT GCCCCATCTG CCGGCTGCCT TTCCGGGCCC TCCTGCAGAT CCGGGCGGTG  1080
CGGAAGAAGC CAGGAGCCCT GTCCCCCGTG TCCTTCAGCC CCGTCCTGGC CCAGAGCCTG  1140
GAGCATGATG AGCACTCTTG TCCCTTTAAA AAATCAAAGC CGCACCCCGC CTCCCTGGCC  1200
AGCAAGAAAC CTAAAAGGGA AACAAACTCT GACAGCGTCC CACCTGGCTA CGAGCCCATC  1260
TCGCTGCTCG AGGCGCTCAA CGGCCTCCGG GCTGTCTCCC CGGCCATCCC CTCGGCCCCT  1320
CTTTATGAAG AAATCACCTA TTCAGGCATC TCGGACGGCC TGTCCCAGGC CAGCTGTCCC  1380
CTCGCGGCTA TCGACCACAT CCTGGACAGC AGCCGCCAGA AGGGCAGGCC GCAGAGCAAG  1440
GCCCCCGACA GCACCCTACG GTCCCCGTCT TCCCCCATCC ACGAAGAGGA TGAGGAGAAG  1500
CTCTCCGAGG ACGTGGACGC CCCTCCCCCA CTGGGTGGCG CAGAGCTGGC CCTGCGGGAA  1560
AGCAGCTCCC CTGAGAGTTT CATAACAGAA GAGGTTGATG AGTCGTCGTC ACCACAGCAA  1620
GGGACCCGAG CAGCTTCCAT TGAGAATGTC CTGCAGGACA GCAGCCCCGA GCACTGTGGC  1680
CGAGGCCCAC CTGCTGACAT CTACCTGCCA GCCCTGGGGC CCGACTCCTG CTCTGTTGGT  1740
ATAGACGAGT AAGCCGGTAC GTGACCTTCC AGACGCGCTT CGGGGGCTCT GACGCGCGTC  1800
CTTGGAGAGA GGAGCCCTCC CCTGCTCTCT GGCGGGGGTT CCTTCTGGTT TTTGGGTCTT  1860
CGTCCGCATC CGCATCTTCC CAGGGGCCCT GGATTCCGAA TCCAGAGCTC TCCAGTGGCT  1920
GCTGCACCTT CCCCCAGAAA GTGGCCTCCT GGGGGGTCCT GACTTTCGGG GCCAGAGGTC  1980
TCTCCATCTG GACTAGGCGG CCGGTCAGGC TCTTCTTCCA GCCTTGAGGG GCCCTGGAAC  2040
AGTCCCAGCC CAGGCAGGGA GACAGACACA GCCCAGGTGC GCCAGAGCCA CTGTCCACTG  2100
CGGGAGGCAG GAGCTTGAGG GATGAGGGCA GCACCGTGGA GGGAACCCCA GGGAGACATG  2160
GGGTGAGCGT CCCAAGGGGA GAGGCCTGGG CCTGGCCTTG TTCCGGATGG TCCCACCATG  2220
AGTTCGCATC GGTCCTGCAG CAGACACGTT AGGACGCTCA GCAGGTCCAC TCCCGTGTTC  2280
CGGTCATGGC TTTAACAATT CATGGGGAAA GAATGCGCCC CGATTGGGAG AGCCCCTGGA  2340
TCACGTCTTC CCAAGCTCAG TCCCTGTCTC TTGGAGGGAG TCCGTCCTCG AGGGGCCCTC  2400
TGGTGCCCAG GGGAGAGTAT CTTGCGTCCT GTCCTGAGGG CGTCCGCTCA CACAGCCACC  2460
TGCTCCCCCG CTCCCTCCTT CCCTTGTCAG CATGGCCACC GTGGGCCTGG CATCACCATG  2520
GGCCTGGCAC ACAGTCCCTC GTGGGCTGCC TTTGTGCCAT GAGCCCACTG CTGCCGACTC  2580
ACCTGTCCCT CCCAGTACTG GAACCTTCTG GAACACCAGC ACTAAAAGAT AGGAGGCCCT  2640
GTGAGGTTGG CATCCCCCAT CCCCCCCCAA GAGGTGCCCT CTACCAGGGT GGCCCAGGTG  2700
```

AGTGTTTTAC AGAAGGCGGC TCTGTCCAGG CAGTGGTTCG CACCTATAAG CCCGGTACTT 2760
TGGGAGACCG AGGGGATAGA TCACTTGAGC CCAGGAATTC AAGATCAGTG TAGAAAACAT 2820
AGACCCCCTC TCTATAAAAA ATAAAAAATT GGCTTGGGCG TGGTAGCTTG TGCCTGTGGT 2880
CCCAGCTACT CAGGGGTGCT GAGGTGGGAG GATTGCCGGA GCTGGGGAGG TCAAGGCCCA 2940
CTCCAGCCTG AGACGCTGTC TCAATAAAAA AAAATACACA CACACCCACC CACCCACTCC 3000
AGCCTGAGAC CCTGTCTCAA GAAAAAAAAA AATACACACA CACACACACA CACACACACA 3060
CACACACACA CACACACACA CACACGGGGG AGAGAGAGAA GGCAGCTCCA GGAGTGCCAC 3120
CAAAATGTAG GCAGACGGAT TGGGGACCCT CTGCCTTCCC AGAGGGTCTT GGCACACAAG 3180
CTGCGTGCAG CTCTGGTCTG CCGAGGCCCA TGCAGCCTGC TGGGAGGTGC CTGGCCGGGG 3240
GTGCAGGCTC TAAGAGGCCC TTTCCCCTTG GGTGGACTTG AGCCGGGTCA GGGAGAACTT 3300
CGCTTCTTTT GACTGCGCTC TGCATTCCCA TGAACCTCTG TCTTCTTGAG CCCAGCGAGT 3360
CCCTCTGTTG ACCCCTGTCC TGAGCCATTA TACCCCTAGA TTGAAACAGT CAGCACCTTT 3420
CAGACGGCCC CGGCCTGCGC ATCGGTGGAA GGTGCCATGC GAATGTCACG ATTCAGGTCA 3480
AGCTTCCGGA GCTGGGGAGT GCAGGTGTGA TCTAGAACAG GGCTCACAGC CTCGGAAACC 3540
TGCTCTCGCC GCGGCCCCCG AAGAAAATAG ACGCCCTTCA CCGGAGAGTG GGGCCTGGGC 3600
CGTGTCTGCT GGGAGCCATG TGTCAGGGCT GGTGGCTGGG TGTCAGGCAG CCCTGAGGCC 3660
ATGCTGGCCC CGTCCCAGGC TCTGCACCAG CACCATTGCC CAAGCCCCAG GGACGCCAGA 3720
CCCATCCGGG GACAGCGCCC GGCGGCGTCG TGCAGGCCAC AGTCTGGGCA TTGGGGCTCT 3780
GTGGGAGGCT CCTCTCTTTG CCTTGCAGTA GCCATCCGGG GGCTACTCTG AGCACGGGCT 3840
TGTTCTCACC CAGGGCCGCT CCCGACCCCT GCACCCTGGG TTGACCGAGT TCCACCCTAA 3900
CCCAGCCGTA AGAACCTTGG CAGGACAGTG GCTGGCCACA TCCCAGGAAA CCGGAACCAG 3960
GGCAAGGGCA GGAGGCCCAG AGGGCATCCA CTGCGGTGCC GTGTCGCGCT CTGACTCGGG 4020
GCTGCAGATC TGCTGTGGGT GTCCGGGGAT CTGGGATCGT CTGTCCCAAG AGGGACACAG 4080
CGTATTTGGC ACAGTTAGGG AGTCCCCGGG CCCTTGGTGT GCTCACATCT GAGTGAATGC 4140
TGTTGTGGCC ACAGGCGGCG GGAGTGGGGG TGCTGGATGG CCCAGCCCCT CTGGGGCTCC 4200
AGATCGGTAG GAGCGGGTGG CGTGGCACCA GGCATCCGAG TGTGACCCTC CTCCCTCTGC 4260
TCCCACCTGC AGGACGGCCC ACCTCCATGG AGACGGCCCA CGGCCTCGCC ACCACCAGCC 4320
CCACCTGGCC TCCACTTGGT GGCCCCAGCC CCGATCCCAG CGCCGCCGAG CTGACCCCAC 4380
TCTGAGAGCC TGGCCGAGCT GGCAGCATGG AGCCCTCGGC TCCCCAGACT TTGCCGAGGG 4440
GCTGCTCCGG ACCCCGTTGT GAGCCGGCCT CCTGTCTGCA TGCCCCCTGT GGCCACCAGG 4500
CTCCGAGGGG CCGTGGTGAC TCTTGATCAA AGAGCACAGT GAACTGTCCC TTCTGAGTCT 4560
CCCTTTTCTA CAGTTGATAT ATTTGTAACT GGTACAAGAT GAAGGACAGC AGCTTTCCAT 4620
CCCTAGTTCA GAGCCCCCGT TCCCCAGGGT CCTGTGGGCT GAGCGGCTGG GGCTGGGGCT 4680
GCCCACGTGT GGCCTCCGCT GGCTCTGCCT GCTCCTGCAA CAGTGCGGTC CCTGCCCGGA 4740
GAACTCAGGA GGCCTGCAGA AGAGAACTGA TTGGTGGTCG AAGCACCATC TTCACAGATG 4800
TTCAGGGGCA GTGGGGGGCT CCAGGCACGG TCAATGAAGG AAACAGTGCC TGTCCACCCA 4860
CCCTGCGTGT CACTGTGGCG GCCTGGCTGT CGCTGCTTTT TGTCCTCTGC CGTGTTTGCG 4920
CGGCCTCAGT GCCCTCCCTG GTGCGTCTGC GCTGGGGCCC TCAGTGCTCG GGGCCTTGGG 4980
GTGCATGGGC GCCGCCCTGG GCAGCTAGAG TGTCTCAGCC CGGTGCTGGG CCTGGCCGAG 5040
GGGCGGAGGC ACAGCTGCTT CCAGCAGCCA GCATTCAGTG GCCTTGTCAC CAAGCTCCAC 5100
ACCTCCTCCT GGTGCTGGCT TTGGTGACAT CACAAGGCCC CTCCAGGTGC AGGGGCTTCT 5160
GTTTGGCAGG CCCCTGCCAG GGAGGACCTG GTGGCCTCCT CATTCTCTTT TGCCATTGGA 5220
ATGTCCCCTT GCAGTTCTCT TCTCTTTTTT TTTTTTTTTG AGATGGAGTT TCACTCTTGC 5280
TGCCCAGGCT GGAGTGCAGT GGCTCAATCT CGGGTCACTG CAACCTCCGC CTCCCGGGTT 5340
CAAGTGATCG TCCTGCCTTA GGCTCCTGAG TAGCTGGGGA TTACAGGTGC CTACCAGCAT 5400
GCTCGGCTAA TTTTTTTGTA TTTTTAGTAG AGAAGGGATT TCACCATGTT GGCCGGGCTG 5460
GTCTCAAACT CCTAAGGTCA TCCACCTGCC TCGGCCTCCC AGAGTGCTGA GATTACAGGC 5520
GTGAGCCTCC GCGCCCGGCC CCCTTGCAGT TCTCTCTGAT TTGGTTTGTT CTGTCTCAGG 5580
CTTCTGTGGC AGGACTGGCC CAGGGAGGAG GAAGCCAGCA GCACACCTGG GGAATGGGGT 5640
CCCGGCCGGG AGGCTTGGCC TCTGGGCGAC CTCGTCCTGT TTTGTTTGTT TGTTTGTTTG 5700
TTTTTTTAAA GGTAAACCTC CTGGGCCGCA GATGGCAAAG GGAGTGCCTG GGCCTGGTGA 5760
CCCAGGGCTG GATCCACCCC TGCGGAGCCC TGGGCCAGGC AGGTGTCTGC TGCTCACCTG 5820
GCTCTGGAGG GCTGCCCTGC AGCTGGGCCT GGGGACAGGT CGGCTGTGGG GCAGCTCAGT 5880
ACCCTCCCTG AGGCTCACGG TGGCTCCGAG CATGAGCTCT GCCTCCTGGG CGAGACCCAG 5940
CAGTGGACAG CACGGTCCTC ACACCCAGCT CCCTGCACAC CCAGGCCAGC CACCCCTCCC 6000
GCTCGTGCAC AGGCACGCAG ATGCGCTCAC ACGTACACAC ACACAAATGC ACGCCCACTT 6060
GCACATGCTC ACGCACACGT TCACACATGC ACACTCACGC TCACACATGC TGTCACGCAT 6120
ACACACACGC ACATACTCCT GCACATGTTC CCATGCATGT GTGTGCACTC GGACCGAGCA 6180
TCTCCCACGC ACCTCTACCC CACCCCAAGC ACCTCTCTCC CCCCATGCAC CTCTCCCCAA 6240
CAACACACAC AGCCCCCTGC ACCGCCCGCC CCCCGCCCCC ACCAAGGCCC CAGCCTCTGG 6300
CCATCAGTCC TGGTGCCAGA GCTTTGCGTG AAGTTCGGGC CGCAGAGTGG CCCGCTGGGA 6360
CTCCCATGTG CTGCCGTCTG ATGTGCTCAG ATGGGCTCAT CGTTGGTTCG TTTTTACTGT 6420
ATATTTATAG TAATAAAATC ATGCAGCAAT 6450

45

Name: 262 Len: 4611 Check: 6F0

```
GTGTCGCTCG CTTTCTGTCA GCCTCTCTCC CTCTCCCTCT CCCCTCTCCT TCCTCTCGCT    60
TCCTCTCTCG CACCTGAGCG TACGCACCTG CCCGGGCCCG GCTCCCTCCT CCTCTCCCCT   120
CCCTCTTTCC CCGCCCGGCC GCGGGAGCCT CGTGGCTGCG TCACCGCCGC CCCCCCAGAC   180
AAGATGGACA CCGCGGAGGA AGACATATGT AGAGTGTGTC GGTCAGAAGG AACACCTGAG   240
AAACCGCTTT ATCATCCTTG TGTATGTACT GGCAGTATTA AGTTTATCCA TCAAGAATGC   300
TTAGTTCAAT GGCTGAAACA CAGTCGAAAA GAATACTGTG AATTATGCAA GCACAGATTT   360
GCTTTTACAC CAATTTATTC TCCAGATATG CCTTCACGGC TTCCAATTCA AGACATATTT   420
GCTGGACTGG TTACAAGTAT TGGCACTGCA ATACGATATT GGTTTCATTA TACACTTGTG   480
GCCTTTGCAT GGTTGGGAGT TGTTCCTCTT ACAGCATGCC GCATCTACAA GTGCTTGTTT   540
ACTGGCTCCG TGAGCTCACT ACTGACGCTG CCATTAGATA TGCTGTCAAC GGAAAATTTG   600
TTGGCAGATT GTTTGCAGGG TTGTTTTGTG GTGACGTGCA CACTGTGTGC ATTCATCAGC   660
CTGGTGTGGT TGAGAGAGCA GATAGTCCAT GGGGGAGCAC CAATTTGGTT GGAGCATGCT   720
GCCCCACCGT TCAATGCTGC GGGGCATCAC CAAAATGAGG CTCCAGCAGG AGGAAATGGT   780
GCAGAAAATG TTGCTGCTGA TCAGCCTGCT AACCCACCAG CTGAGAACGC AGTGGTGGGG   840
GAAAACCCTG ATGCCCAGGA TGACCAGGCA GAAGAGGAGG AGGAGGACAA TGAGGAGGAA   900
GATGACGCTG GTGTGGAGGA TGCGGCAGAT GCTAATAACG GAGCCCAGGA TGACATGAAT   960
TGGAATGCTT TAGAATGGGA CCGAGCTGCT GAAGAGCTTA CATGGGAAAG AATGCTAGGA  1020
CTTGATGGAT CACTAGTTTT TCTGGAACAT GTCTTCTGGG TGGTATCTTT AAATACACTG  1080
TTCATTCTTG TTTTTGCATT TTGCCCTTAC CATATTGGTC ATTTCTCCCT TGTTGGTTTG  1140
GGATTTGAAG AACACGTCCA AGCATCTCAT TTTGAAGGCC TAATCACAAC CATAGTTGGG  1200
TATATACTTT TAGCAATAAC ACTGATAATT TGTCATGGCT TGGCAACTCT TGTGAAATTT  1260
CATAGATCTC GTCGCTTACT GGGAGTCTGC TATATTGTTG TTAAGGTCTC TTTGTTAGTG  1320
GTGGTAGAAA TTGGAGTATT CCCTCTCATT TGTGGTTGGT GGCTGGATAT CTGTTCCTTG  1380
GAAATGTTTG ATGCTACTCT GAAAGATCGA GAACTGAGCT TTCAGTCGGC TCCAGGTACT  1440
ACCATGTTTC TGCATTGGCT AGTGGGAATG GTATATGTCT TCTACTTTGC CTCCTTCATT  1500
CTACTACTGA GAGAGGTACT TCGACCTGGT GTCCTGTGGT TTCTAAGGAA TTTGAATGAT  1560
CCAGATTTCA ATCCAGTACA GGAAATGATC CATTTGCCAA TATATAGGCA TCTCCGAAGA  1620
TTTATTTTGT CAGTGATTGT CTTTGGCTCC ATTGTCCTCC TGATGCTTTG GCTTCCTATA  1680
CGTATAATTA AGAGTGTGCT GCCTAATTTT CTTCCATACA ATGTCATGCT CTACAGTGAT  1740
GCTCCAGTGA GTGAACTGTC CCTCGAGCTG CTTCTGCTTC AGGTTGTCTT GCCAGCATTA  1800
CTCGAACAGG GACACACGAG GCAGTGGCTG AAGGGGCTGG TGCGAGCGTG GACTGTGACC  1860
GCCGGATACT TGCTGGATCT TCATTCTTAT TTATTGGGAG ACCAGGAAGA AAATGAAAAC  1920
AGTGCAAATC AACAAGTTAA CAATAATCAG CATGCTCGAA ATAACAACGC TATTCCTGTG  1980
GTGGGAGAAG GCCTTCATGC AGCCCACCAA GCCATACTCC AGCAGGGAGG GCCTGTTGGC  2040
TTTCAGCCTT ACCGCCGACC TTTAAATTTT CCACTCAGGA TATTTCTGTT GATTGTCTTC  2100
ATGTGTATAA CATTACTGAT TGCCAGCCTC ATCTGCCTTA CTTTACCAGT ATTTGCTGGC  2160
CGTTGGTTAA TGTCGTTTTG GACGGGGACT GCCAAAATCC ATGAGCTCTA CACAGCTGCT  2220
TGTGGTCTCT ATGTTTGCTG GCTAACCATA AGGGCTGTGA CGGTGATGGT GGCATGGATG  2280
CCTCAGGGAC GCAGAGTGAT CTTCCAGAAG GTTAAAGAGT GGTCTCTCAT GATCATGAAG  2340
ACTTTGATAG TTGCGGTGCT GTTGGCTGGA GTTGTCCCTC TCCTTCTGGG GCTCCTGTTT  2400
GAGCTGGTCA TTGTGGCTCC CCTGAGGGTT CCCTTGGATC AGACTCCTCT TTTTTATCCA  2460
TGGCAGGACT GGGCACTTGG AGTCCTGCAT GCCAAAATCA TTGCAGCTAT AACATTGATG  2520
GGTCCTCAGT GGTGGTTGAA AACTGTAATT GAACAGGTTT ACGCAAATGG CATCCGGAAC  2580
ATTGACCTTC ACTATATTGT TCGTAAACTG GCAGCTCCCG TGATCTCTGT GCTGTTGCTT  2640
TCCCTGTGTG TACCTTATGT CATAGCTTCT GGTGTTGTTC CTTTACTAGG TGTTACTGCG  2700
GAAATGCAAA ACTTAGTCCA TCGGCGGATT TATCCATTTT TACTGATGGT CGTGGTATTG  2760
ATGGCAATTT TGTCCTTCCA AGTCCGCCAG TTTAAGCGCC TTTATGAACA TATTAAAAAT  2820
GACAAGTACC TTGTGGGTCA ACGACTCGTG AACTACGAAC GGAAATCTGG CAAACAAGGC  2880
TCATCTCCAC CACCTCCACA GTCATCCCAA GAATAAAGTA GTTGTCTCAA CAACTTGACC  2940
TTCCCCTTTA CATGTCCTTT TTTGTGGACT TCTCTCTTTG GAGATTTTTC CCAGTGATCT  3000
CTCAGCGTTG TTTTTAAGTT AAATGTATTT GACTTGTGTT CTCAGCATTC AGAGAGCAGC  3060
GGTGTAAGAT TCTGCTGTTC TCCCTGGATC TTCTGACATT ACTGCTGTCT GAGATTTGTA  3120
TATGTGTAAA TACAAGTTCC TTGATACCCT AAAACCTTGG ATTAAACAGA ATGTGCATTG  3180
TACATCTTTA AACAAAATGT ATATTAATTT ATTAAATCTA GTTGTCACTT TATTTTGGAC  3240
CTGCTGTGAT CTCGACAGGA AACGTGCCAC AGAGCAGTAG TGCGCAGGCA AGACTTTTCA  3300
GTGACGCCTT GTGGAACGCA GTTCATGATG TCCTAGCAGC TCTCACTAAG GGAACTGTAC  3360
ATTCTTTCTT TCTTGGCTAT TCAGACCTTA CCAAGAACGT TAAAGGAAAC AAGTAGAAAT  3420
CAGCAGTGGA GTGTCTGTGG TAAGAAAACA TGAACTTTAT GCTTCACTGT TAGTTGTTTG  3480
TGGAAGTTAT TTTGTATAAC ACCAAAGCTG TTGTACATTT CCTACTGCCT GATTTTTTTC  3540
ATGTGTCTGT GTTTGTAATA TTGTATAGTA TCTTGTGCTA GGTGAGGAAA TTATTTTTAA  3600
TTTTGATAAT TTAATATTCC TAGTGTGATC AGCATTGGGA GTTGGGTTTC AGTGGGGCAT  3660
GTCTATACTT AGAGAAAAAA AGTCCAAATG AAGATTTTCA TGAGTCAGCC CCCCGCCCG   3720
```

46

```
CCCCCACCCC ACACCCACAT CCTCTCTTTT CCACACACAA CTATCTGTTT ATTTTTTGTA  3780
GCAGTGGCCG AAAGTCCTGC AAGGTCATAA ATCTTTCAGA GTGACATCAC CAACTGTACT  3840
GCATCTTACT GGATTTAGGA CTTCTGAGAT GCTTGTGAAG TATAGATGTG GTTGTGGTCT  3900
TAGATTGACA GCATTAGAGA AGACTGGTTA GAACATCTGG TCTCGCTGGT TAGTGCCTCG  3960
TTGGCTGAGG ACTAGGTGTG CATTTCTCCT AGCTTTTCAT CAGGAAATCC CAAAGTTTCC  4020
AAAGCTTTTT GTTTACAGAA TAAAACTTCA AATAAAACCA ATTCATTATT TGTCCAGAAG  4080
GAAGCTTGGC TGAGCTGGCC TTTTAACATA GGAATGTATT TCGTTGGAAA CATTCTGAAA  4140
AATCTCAGAG AACTGAACCC TTACAAACTT TGTTTTCCCT CATAACCAAA GCTTCAGGTT  4200
AGAAGTTTAG AAAAATAGAA TGGTTGGGTA CATGATCTAA ATGTTTAATG CTAAAGGTAT  4260
ATCGTAAGGG TAGTGTTTGT TTTTGAACGA TAATTTAGAA GTTCTCATAG AAAGCGTATA  4320
ACATAGGTCT TCAGAAACTA TAAAAGAATT TTCATATAGT ATTAAAATCC ATAGACTAAA  4380
ATCTGAGAAT TTTTTAACAT ATGCAAGTCA GCCAAACATA AGCTACCAAA ATAAAGAGCA  4440
ATGTGTTCTG GCTGTTTTAT ACTTCAACAA TTTTTTCCCT AAGTGGTAAG CAATTACTTT  4500
AAAACATATT TTTAAAAACA TCGGTATCGG GAGCTGCGGT GGCTCCGGCC GGTTGTCCTG  4560
GCACACAAGG AGGCGAGGCT ATGCGTTCGA GGCCAACCTA GGCAAAATTG G           4611
Name: 263              Len:  3074  Check:      F6A
CCGCTCTCCG CTGCGGGGGA GGCCATGGCG GAACCTTCCC AGGCCCCGAC CCCGGCCCCG    60
GCTGCGCAGC CCCGGCCCCT TCAGTCCCCA GCCCCTGCCC CAACTCCGAC TCCTGCACCC   120
AGCCCGGCTT CAGCCCCGAT TCCGACTCCC ACCCCGGCAC CAGCCCCTGC CCCAGCTGCA   180
GCCCCAGCCG GCAGCACAGG GACTGGGGGG CCCGGGGTAG GAAGTGGGGG GGCCGGGAGC   240
GGGGGGGATC CGGCTCGGCC TGGCCTGAGC CAGCAGCAGC GCGCCAGTCA GAGGAAGGCG   300
CAAGTCCGGG GGCTGCCCCG CGCCAAGAAG CTTGAGAAGC TAGGGGTCTT CTCGGCTTGC   360
AAGGCCAATG GAACCTGTAA GTGTAATGGC TGGAAAAACC CCAAGCCCCC CACTGCACCC   420
CGCATAGATC TGCAGCAGCC AGCTGCCAAC CTGAGTGAGC TGTGCCGCAG TTGTGAGCAC   480
CCCTTGGCTG ACCACGTATC CCACTTGGAG AATGTGTCAG AGGATGAGAT AAACCGACTG   540
CTGGGGATGG TGGTGGATGT GGAGAATCTC TTCATGTCTG TTCACAAGGA AGAGGACACA   600
GACACCAAGC AGGTCTATTT CTACCTCTTC AAGCTACTGC GGAAATGCAT CCTGCAGATG   660
ACCCGGCCTG TGGTGGAGGG GTCCCTGGGC AGCCCTCCAT TTGAGAAACC TAATATTGAG   720
CAGGGTGTGC TGAACTTTGT GCAGTACAAG TTTAGTCACC TGGCTCCCCG GGAGCGGCAG   780
ACGATGTTCG AGCTCTCAAA GATGTTCTTG CTCTGCCTTA ACTACTGGGA GCTTGAGACA   840
CCTGCCCAGT TTCGGCAGAG GTCTCAGGCT GAGGACGTGG CTACCTACAA GGTCAATTAC   900
ACCAGATGGC TCTGTTACTG CCACGTGCCC CAGAGCTGTG ATAGCCTCCC CCGCTACGAA   960
ACCACTCATG TCTTTGGGCG AAGCCTTCTC CGGTCCATTT TCACCGTTAC CCGCCGGCAG  1020
CTGCTGGAAA AGTTCCGAGT GGAGAAGGAC AAATTGGTGC CCGAGAAGAG GACCCTCATC  1080
CTCACTCACT TCCCCAAATT CCTGTCCATG CTGGAGGAGG AGATCTATGG GGCAAACTCT  1140
CCAATCTGGG AGTCAGGCTT CACCATGCCA CCCTCAGAGG GGACACAGCT GGTTCCCCGG  1200
CCAGCTTCAG TCAGTGCAGC GGTTGTTCCC AGCACCCCCA TCTTCAGCCC CAGCATGGGT  1260
GGGGGCAGCA ACAGCTCCCT GAGTCTGGAT TCTGCAGGGG CCGAGCCTAT GCCAGGCGAG  1320
AAGAGGACGC TCCCAGAGAA CCTGACCCTG GAGGATGCCA AGCGGCTCCG TGTGATGGGT  1380
GACATCCCCA TGGAGCTGGT CAATGAGGTC ATGCTGACCA TCACTGACCC TGCTGCCATG  1440
CTGGGGCCTG AGACGAGCCT GCTTTCGGCC AATGCGGCCC GGGATGAGAC AGCCCGCCTG  1500
GAGGAGCGCC GCGGCATCAT CGAGTTCCAT GTCATCGGCA ACTCACTGAC GCCCAAGGCC  1560
AACCGGCGGG TGTTGCTGTG GCTCGTGGGG CTGCAGAATG TCTTTTCCCA CCAGCTGCCG  1620
CGCATGCCTA AGGAGTATAT CGCCCGCCTC GTCTTTGACC CGAAGCACAA GACTCTGGCC  1680
TTGATCAAGG ATGGGCGGGT CATCGGTGGC ATCTGCTTCC GCATGTTTCC CACCCAGGGC  1740
TTCACGGAGA TTGTCTTCTG TGCTGTCACC TCGAATGAGC AGGTCAAGGG TTATGGGACC  1800
CACCTGATGA ACCACCTGAA GGAGTATCAC ATCAAGCACA ACATTCTCTA CTTCCTCACC  1860
TACGCCGACG AGTACGCCAT CGGCTACTTC AAAAAGCAGG GTTTCTCCAA GGACATCAAG  1920
GTGCCCAAGA GCCGCTACCT GGGCTACATC AAGGACTACG AGGGAGCGAC GCTGATGGAG  1980
TGTGAGCTGA ATCCCCGCAT CCCCTACACG GAGCTGTCCC ACATCATCAA GAAGCAGAAA  2040
GAGATCATCA AGAAGCTGAT TGAGCGCAAA CAGGCCCAGA TCCGCAAGGT CTACCCGGGG  2100
CTCAGCTGCT TCAAGGAGGG CGTGAGGCAG ATCCCTGTGG AGAGCGTTCC TGGCATTCGA  2160
GAGACAGGCT GGAAGCCATT GGGGAAGGAG AAGGGGAAGG AGCTGAAGGA CCCCGACCAG  2220
CTCTACACAA CCCTCAAAAA CCTGCTGGCC CAAATCAAGT CTCACCCCAG TGCCTGGCCC  2280
TTCATGGAGC CTGTGAAGAA GTCGGAGGCC CCTGACTACT ACGAGGTCAT CCGCTTCCCC  2340
ATTGACCTGA AGACCATGAC TGAGCGGCTG CGAAGCCGCT ACTACGTGAC CCGGAAGCTC  2400
TTTGTGGCCG ACCTGCAGCG GGTCATCGCC AACTGTCGCG AGTACAACCC CCCGGACAGC  2460
GAGTACTGCC GCTGTGCCAG CGCCCTGGAG AAGTTCTTCT ACTTCAAGCT CAAGGAGGGA  2520
GGCCTCATTG ACAAGTAGGC CCATCTTTGG GCCGCAGCCC TGACCTGGAA TGTCTCCACC  2580
TCGGATTCTG ATCTGATCCT TAGGGGGTGC CCTGGCCCCA CGGACCCGAC TCAGCTTGAG  2640
ACACTCCAGC CAAGGGTCCT CCGGACCCGA TCCTGCAGCT CTTTCTGGAC CTTCAGGCAC  2700
CCCCAAGCGT GCAGCTCTGT CCCAGCCTTC ACTGTGTGTG AGAGGTCTCC TGGGTTGGGG  2760
CCCAGCCCCT CTAGAGTAGC TGGTGGCCAG GGATGAACCT TGCCCAGCCG TGGTGGCCCC  2820
```

```
CAGGCCTGGT CCCCAAGAGC TTTGGAGGCT TGGATTCCTG GGCCTGGCCC AGGTGGCTGT  2880
TTCCCTGAGG ACCAGAACTG CTCATTTTAG CTTGAGTGAT GGCTTCAGGG GTTGGAAGTT  2940
CAGCCCAAAC TGAAGGGGGC CATGCCTTGT CCAGCACTGT TCTGTCAGTC TCCCCCAGGG  3000
GTGGGGGGTA TGGGGACCAT TCATTCCCTG GCATTAATCC CTTAGAGGGA ATAATAAAGC  3060
TTTTTATTTC TCTG                                                    3074
Name: 264                 Len:  6184  Check:     7A5
GGCGAGGGGT GCACGGCGGC CACCTGAGTG GCGCGGCGGT GTCAGGTTCT TGCTCAAGTA    60
CCAACTCTAT GGACCCAGGA CAGGTTTGTC CCATGACCTG CTGTGAACAG TGTGTTGTCT   120
GATAGAAGAT TCGGTTGGCA AACCATCTCT CTATTGCCTT ACAGAGCAAG CAAAGAAGAT   180
GGATCGATTG AAGAGCCATC TGACTGTGTG CTTTCTACCT TCTGTGCCCT TTTTAATCCT   240
AGTATCCACT CTAGCCACCG CTAAGAGTGT GACTAACAGC ACTTTAAATG GCACTAACGT   300
GGTCTTGGGC TCTGTGCCCG TAATCATTGC CAGAACTGAC CATATCATAG TCAAGGAAGG   360
GAACAGTGCC TTGATTAACT GTAGTGTTTA TGGCATCCCT GACCCACAGT TCAAGTGGTA   420
TAATTCCATT GGCAAGCTGC TGAAAGAAGA AGAGGATGAG AAGGAGAGAG GAGGAGGAAA   480
ATGGCAAATG CACGACAGCG GCCTCCTGAA CATCACCAAG GTATCCTTCT CAGACCGAGG   540
TAAATACACG TGTGTGGCTT CTAACATCTA CGGCACCGTG AACAACACGG TGACCTTGCG   600
CGTCATCTTC ACTTCTGGAG ACATGGGTGT CTACTACATG GTCGTGTGCC TGGTGGCCTT   660
CACCATCGTC ATGGTCCTCA ATATCACCCG CCTGTGCATG ATGAGCAGCC ATCTAAAGAA   720
GACTGAGAAG GCCATCAATG AGTTCTTTAG GACCGAAGGT GCAGAGAAGC TGCAGAAGGC   780
ATTTGAGATC GCCAAGCGCA TCCCCATCAT CACCTCCGCC AAAACTCTAG AGCTTGCCAA   840
AGTCACCCAG TTCAAAACCA TGGAGTTCGC CCGCTACATC GAAGAGCTTG CCAGGAGCGT   900
GCCTCTGCCG CCTCTCATTA TGAACTGCAG GACTATCATG GAGGAGATTA TGGAGGTGGT   960
TGGGCTGGAG GAGCAGGGGC AGAATTTTGT GAGGCATACT CCAGAGGGCC AGGAGGCCGC  1020
AGACAGGGAT GAGGTCTACA CAATCCCCAA CTCTCTGAAG CGGAGCGACT CCCCTGCCGC  1080
TGACTCGGAC GCCTCATCGC TGCACGAGCA ACCTCAGCAA ATTGCCATCA AGGTGTCAGT  1140
TCACCCGCAG TCCAAAAAAG AGCATGCAGA TGACCAAGAG GGTGGACAGT TTGAAGTCAA  1200
AGATGTAGAG GAGACAGAAC TGTCGGCGGA ACATTCCCCC GAAACTGCAG AACCTTCTAC  1260
CGATGTCACG TCCACCGAGC TAACATCTGA AGAGCCAACA CCTGTTGAGG TACCAGATAA  1320
GGTACTGCCG CCAGCTTACC TGGAAGCCAC AGAGCCAGCA GTGACACATG ACAAAAACAC  1380
CTGCATTATT TACGAAAGCC ATGTCTAATA CCAACCCCGA AAAGCTATGC ATATCAAGAA  1440
AATCAGGGGC TGCTCCTTGT AATACAGATG TAGTACGCAC TTGCCGCTAA GCCTTACCAG  1500
GAGACTCTCA TCCCTTAGGT AGGAGTGATG CCACTTTAAA AGGAGAAACA CCTGCCTGCA  1560
GTGAATGGGA CTGGAATTTC CCCAGTAGAG AAGGGTGCGA GAAACATCAG GGTGCAGAAT  1620
TGATACCAGA CAGAAGGTGT CTATGTGATA ATGAGTTTCA GAGGCTGATC TCTGCCAAAT  1680
ACCTTAATTG GTGATGCCTT CTTGGCAAAG AGTACACCAC TGTAAGATAT TCTGAGTTCA  1740
AGAACCCTGT CCAGTGCCCC CTGCATTGCT TTTCCTTTTA AAAAGTATAG GTCTGCTACA  1800
ATAGCAAATG CACGTACGTG GGTTTTTTGC AGTTTCTTCT CAGTTTTAAT TTTGCTTTTC  1860
CTTTATAATG GGGTCATTGT TATTAATACT AATTGTTCTT TCTGGTTTAG TCCTCATTGC  1920
CACTTTTGTC CTTATGTTTC CCTAGAACAC GTACCTCAGA GACTTTGGTA TCAGTCACCA  1980
GTACCAGGGC TGATATCTAC AAGTCACATT ACATTTGTCA TGTTCCAAAG TAGTTACGAG  2040
GCTTGTTATT TTTTTTTCAT TCCCCAGGCC TATTTCCATA GATAGCTTTT TTTGTTTGTT  2100
TCCAACGAAG CTGCTGTTAA ACGAAACTGA GAAAAACTTT GCCCCGGAAT AGCACTTTAA  2160
TAGTCAAAAA TGTGTTTACC TGTCTGATTG AGTGAGCCTT TTGGTGAGCT CAGCTGAGAT  2220
GTAGAGGGAG ATTGTAAAAG GTTAAATATA CCCACACCAC CCATGAAAGT CACTGTTTAA  2280
GTTACATCAT CCTCCAAATA AAGACTGATT CTTTACCTGG AAAATATATT GCTTCCAAAG  2340
ACATCAGATT CAGTGGATTC CTGTAGGTTA TAGAATATTG GCTTCCAAAC AGGCTTGCAG  2400
GGACCATATG CTGTTGGATG ACATATAACC AGGTCCACTT TTATGAACTG CATAGCTGAC  2460
TTGGTTGTCC TTAAAGAGGA AAGCGAAAGG TTAGGGTAAT AGCAAAGGGA ACTGTGCCAT  2520
CAGATTTTAT GCCAAAACTG TTGAATAATT ATGCAGTCCT GCAAGAAAGT GGTTATATGT  2580
GAGGTGCGTG ATGTTATGGA AAGAAGACAA AATTAGTCAT CCAAAGGCTT AATACCCACT  2640
GTGCCAATAA CCAGCTGCCT GGCTTTGGAC AAGTCTGGAC CTCAGGTCCC TTATCTGTAG  2700
AAGGGGCAGA TGACATGAGC TCTGAGCACT GTTGAAATGG TATCACTGTC ACACAGAACC  2760
AAACCAATAT TCACATCCTT GCTCCTTTTC ACAATGACTT TAAAGATTTT TGCTTTCATC  2820
TCTTGGTCCA CCTAACATTT TCATGCTTCA TTACTTAAAT AAGAATGTTG GTTTTGAGAA  2880
ATAGCATTTT AAACAAATTG TGGATCTTCT CCTTCCAAAA AAACCATTAG GACCACATCT  2940
GCAATTAAGA TTTAATATTG GTGAGAATGA GTGGTTTTAT TTAATTTTCC CTTAAAAGCA  3000
AAGGAGACAG TAATCTTAAT AAATTCATAG GGGCCGTGGC CACATCAGGT AATGGGGTTA  3060
TGATGTCCAA GATTGCATGG ATCACATTGG TGATGAGAGC AGACCCAGAT GTTTAGTCCT  3120
CACTCTGTCA CCATCTGAGG AGGTGACCTT GGACAACTCC CTTCCTCTCT CTGGGATTTA  3180
ATCTTTTTCA TCTGTAAAAT ATGCAGGTAG TACTCGAGGG TCTACAGGAT CCCTTCTAGT  3240
TGAAACATTT ATAGTTCACA GAAAGTTTGC AGTCTTCCAG GATAACCAAC CCCCGTTGCA  3300
TGAGACAAGC AAAAAATGGG TCCATGAAAT TGGATACTTT TGCCATCCAA ACTTTACAAC  3360
AAACATTATC TGGCTCTGTA ATTGAGAGCA GTGGGCTTGG TTTTAAACCT AGCCTTGATT  3420
```

48

AGTTTGTTTA TAGATAACTG TTGTGGAAGG TGATAGAACT AGTCATGGAG TTTGATGAGA 3480
CATCTCTTGA AAAGGACTGA ACTGTTGACT TCTGGTTAGA AGTGCTTTGG GCAGTCACAT 3540
AAAGAAATGA GCAGTGAGAA ATCAGGAGAA ATTATGACTC CTGTTGGGCT TTCTGGACTA 3600
GCATTGTATG TTTTTGGGTT GCAGAAAAGT TTTAACACCA CCTCTTAGAA TATAAAAATT 3660
TTCCAGTTGT CATGGAGGTC CACAGATTCA TTACCATGGG TTTATATGCC CAAAGCAACA 3720
ACAGAGGACT TAAGTTCATT TTGTGATACT GTATGGATGT TACCCCATCC TATTCAGTTG 3780
TCATTCCACC CAAACCCATG TGTAGGTTTC CACATGGAAA GGAGAAGGCA TCCATTCCAC 3840
CTAGACATTG AATAGTGATA ATAAGCTAAA AGTGGGCAGA TTTTCAGTGG AGCAAGAGCA 3900
GAAATATGCG GCCAAAGAAT GTTTCCTGAT TGGTTTTGCT GCTTTAGACT GCAGTGGGGA 3960
GAGCTTATGT AGATTTTCAA AACTTTCTCC CTCTTTAAGG CATCATAATG CTCTCGGTTT 4020
TGATAACAAC TGACATAAAG GGAGGTTGAC TTAAAATGGG AATTTCTCCT TCCAAAAATG 4080
CTACACTCTT CCTATCCATC CTACAGCTTC TTTATGAAAT GAGAGGCCCT CCTGCTAGAA 4140
TATGAAATGC AGAAGACCTC ATGACTTTCA GCTGATTTTT CAAAGATAAA GTGAACTGTT 4200
CAGCTTCATA GAAATTCATG CGAGTGTGAC TGAACGTGTG TGCATACACA CTCGTGCACA 4260
TTGGACTCAT TTGGGCAGTT TTAAAAGCTT CACACTAAAT CCAAAGCCTC GTCCTTTGGG 4320
TCGTATGTAG TCGTTTGTAA AATCAATTTC TGGCTTCTGA GTCATCCTGG TCATATCTCT 4380
AGCAATGTTT TTCTTGAAAT TCTGAAAATG ATTCACATAT GTGTGTACAT TTAATTCACT 4440
TAGATGATCT GTAAACTTGG ATGGTATTTA TTCTAAATGG GGAAAACAAT TTTATATGGA 4500
AAAATCTATG TAATTTATAA TGGTTTTGTT TTATATATTA TATTTTCATA TCTCTAGGGC 4560
ACATCTATCC TCATCTTTTT GTATACCATA CTTAGCAAAA AGAAATACTA ATACTTGACT 4620
AAAATCTCTA GGAACCAAAC GTGATACATG TGATATATAG CTTCTAGAAA TCGCTCTAAA 4680
AATCTCTGAA TGTCTCATCC ATCCCAAGCA TTATTGTGCT GTGTCATTAT GTCCAGAATG 4740
ATTTGTCTTG GATGCTTATG AGCATTTGTT TTTCACAACT AAGGTTGAAA GACCTGACAT 4800
CTCACACAAT GGGGTTCTGG AATTCCCCTT TCCTCCTTTA TCTGTTTTTA TTGTTTGTTT 4860
CATTTTTAAT TGCACCAGTC TATGTTGTCG AAACTTTGTT TTGAAGGGCA AATGTGAGAT 4920
AACAAGAAAG CAATGTGATG GAAAGACTGG ATGAATTTAC CTATGGCTAT GTAAATTATT 4980
TTAATGGACT GATAAGATGT TTCAAGTCTC ATGCTTGGAT CTTTATTTAT TGGTGATCTA 5040
GGATCTGCTC AGCTCTTTAG CACATGAAGA AAATCAGGTA CAAAGGACAT TTGCATGTTT 5100
GGAACAGCAT GCTCTAAGCC CCGTGCAGCC AACACAAATT AACTTGACTG TAGAAACACC 5160
AATTCCAGCT GCTGGAAGAA ATGGTTTAGA AAGGCAAACC AGATACCTTT TATTCTGCCC 5220
TAGGAAATAC AGTGTTGATC AGTGCTAAAA CTCTTCAGTG GCAGTCACTG TGGTTCTTTT 5280
AACTGGGGAT TTCCTTTCAG TGTTTCATTT GGTACCAAAA CAGAACATTT ACCTTACATT 5340
TCAGATACTC TGTTTTCTCA GCATTGTTCA GATACTTTCC TTTACCGCTC TTCACGTACC 5400
CTTTTGGCAT TGAGTAATTC TATAAATGTT TCTATCCTTG GTTTTTAAAC CAAGTTATTC 5460
ATACTCTTAA AATATCTACC AAATCTCATT GTATTTTCAC ATATTTTGAG CATCAAGATA 5520
CTGGTCATTT TAAAAAATCC TTCAGTAAAT AGCACAGTTT ATTTTCCTAA TGACATTTTT 5580
AGGGTTTCTT CATTGATCAA CCAGGTTTGG GTTACACAAA TCAATTGTGG GGGAAAAATC 5640
AAATAAAACA ATTGCTTATT ATATTTTCCA AAGGACTGAG CATTTATCTT TTATTCACGA 5700
AGATATCATA TGAGGATGAT AATGATCTTT AACAGATTTT TTAGAGATAG AATTTATAAA 5760
GAGGCTGATA CTAAGAATAC TACAATCAAA ATTGAAGCTA GAGAATGTAA AAATAGAAAG 5820
TAAATAGTTC TAAGAATATT CTGGCATAAA TTATTTTTAT TTAGCCAATA AAATAGCCTC 5880
CAAATGTATA TCTCAGACAC CATAGAGCTG CTAACAATGA GAATCAAGGA AGATGCTTGC 5940
ACTTAGATTT CGTTTGTTGT ATTTCAGTAG TTCTGGATGT CCTTTGTTAA AATTGGAAAA 6000
TGGAAAAATG TCTCGACAGA AATGTCAATC TGGTGATTCT GTGAACTGTA AAATGTTCAC 6060
TTTTAAAAAT AAAGTTGTAA ACAAGTTACT CATATAAGTT GGTATTACAG TAGCAAAAAC 6120
AGAAAACCAT GTGATCCATC CTGTATTTTG ATTGATGCTT TAATAAAGGG TTTGCACAGC 6180
TGTG 6184

Name: 265 Len: 4959 Check: 2395

GAGGTGGCGA CCTCACAGTC CTGATGGCCC TCGTTCTGCA GGCTGGCGGG AACACATGGA 60
ACGACGTCGG AGGTTTGAGT TTGATTTTCG AGATAGAGAT GATGAACGGG GTTACCGAAG 120
GGTTCGCTCT GGCAGTGGGA GCATAGATGA TGACAGGGAT AGCTTGCCCG AATGGTGCTT 180
AGAGGATGCT GAAGAAGAAA TGGGTACATT TGACTCATCT GGAGCATTCC TTTCTCTAAA 240
AAAAGTACAG AAAGAGCCTA TTCCAGAAGA GCAGGAGATG GACTTCCGGC CTGTGGACGA 300
AGGGGAGGAG TGCTCTGACT CTGAGGGTAG CCATAATGAA GAGGCCAAAG AACCCGATAA 360
GACAAATAAG AAAGAAGGAG AGAAAACAGA TAGAGTAGGA GTTGAAGCTA GTGAGGAAAC 420
TCCCCAGACC TCATCATCAT CTGCTAGACC AGGTACTCCT TCAGACCATC AGTCTCAGGA 480
AGCATCACAG TTTGAGAGGA AAGATGAACC AAAAACTGAG CAAACGGAAA AAGCTGAAGA 540
GGAGACTCGG ATGGAAAATA GTCTACCAGC CAAAGTGCCC AGCAGAGGGG ATGAAATGGT 600
TGCTGATGTC CAGCAGCCCC TGTCGCAGAT TCCTTCAGAT ACAGCCTCTC CTCTTCTCAT 660
ACTTCCACCT CCTGTTCCCA ATCCTAGTCC TACTCTCCGG CCAGTTGAAA CACCAGTTGT 720
AGGTGCTCCT GGTATGGGCA GTGTTTCCAC AGAACCTGAT GATGAAGAAG GTCTCAAACA 780
TTTGGAGCAG CAAGCTGAGA AAATGGTGGC TTATCTCCAA GACAGTGCAC TAGATGATGA 840
AAGATTGGCA TCAAAACTGC AAGAGCACAG AGCTAAAGGA GTGTCGATTC CATTGATGCA 900

TGAAGCAATG CAGAAGTGGT ATTACAAAGA TCCTCAGGGA GAAATTCAAG GTCCCTTCAA 960
TAATCAGGAG ATGGCAGAAT GGTTTCAGGC GGGCTATTTT ACTATGTCTT TATTGGTGAA 1020
GAGAGCGTGT GATGAAAGCT TCCAACCTCT TGGCGATATC ATGAAAATGT GGGGAAGGGT 1080
TCCCTTTTCT CCAGGTCCAG CTCCCCCTCC TCATATGGGA GAGCTGGACC AGGAACGACT 1140
GACCAGGCAG CAAGAACTCA CAGCCTTATA CCAGATGCAG CACCTGCAGT ACCAGCAGTT 1200
TTTAATACAA CAACAATATG CACAGGTTTT GGCCCAACAG CAGAAAGCAG CACTGTCTTC 1260
CCAGCAGCAG CAGCAGTTGG CACTTCTTCT TCAACAGTTT CAGACCTTGA AGATGAGAAT 1320
ATCTGATCAG AACATCATTC CCTCAGTAAC TAGGTCTGTG TCCGTGCCAG ATACTGGCTC 1380
TATCTGGGAG CTTCAGCCAA CAGCTTCACA GCCTACAGTT TGGGAAGGTG GTAGTGTATG 1440
GGATCTTCCT CTGGACACCA CGACACCAGG CCCTGCCCTG GAACAGCTTC AGCAGCTAGA 1500
GAAGGCCAAA GCTGCAAAGC TAGAGCAAGA GAGAAGAGAG GCAGAAATGA GGGCAAAACG 1560
GGAAGAGGAA GAGCGAAAGA GGCAGGAAGA ACTCCGAAGA CAACAGGAGG AAATTCTTCG 1620
GCGACAGCAG GAAGAAGAAA GGAAAAGGCG AGAGGAAGAA GAACTTGCCC GAAGGAAACA 1680
GGAAGAGGCT CTGCGTCGCC AGCGGGAGCA AGAAATTGCA TTAAGGCGAC AGCGAGAAGA 1740
GGAAGAAAGA CAGCAGCAAG AAGAAGCTCT TAGAAGACTG GAAGAGAGGA GAAGAGAAGA 1800
GGAAGAAAGG CGGAAGCAGG AAGAATTGTT ACGCAAACAG GAAGAGGAGG CTGCAAAATG 1860
GGCCCGGGAA GAAGAAGAAG CCCAGCGTCG ATTAGAGGAG AACCGGCTGC GGATGGAAGA 1920
GGAGGCAGCC AGACTCCGGC ATGAGGAAGA AGAACGGAAG AGAAAGGAGC TGGAGGTCCA 1980
GCGGCAGAAG GAGTTAATGC GCCAGAGGCA GCAGCAGCAA GAGGCTCTCC GGAGGTTGCA 2040
GCAGCAGCAG CAGCAACAAC AGCTGGCGCA GATGAAGCTT CCTTCTTCTT CAACGTGGGG 2100
CCAGCAGTCC AATACAACAG CATGTCAGTC CCAGGCCACG CTGTCGTTGG CTGAAATCCA 2160
AAAACTAGAG GAAGAACGAG AACGGCAGCT TCGAGAAGAG CAAAGGCGCC AGCAGAGGGA 2220
GTTGATGAAA GCTCTTCAGC AGCAGCAGCA ACAGCAACAG CAGAAACTCT CAGGTTGGGG 2280
GAATGTCAGC AAACCTTCAG GTACCACGAA ATCTCTTCTG GAGATCCAGC AGGAAGAGGC 2340
CAGGCAAATG CAAAAGCAGC AGCAGCAGCA GCAGCAACAC CAGCAACCAA ACAGAGCTCG 2400
TAACAATACG CATTCCAACC TGCACACCAG CATTGGGAAT TCTGTTTGGG GCTCTATAAA 2460
TACTGGTCCT CCTAACCAGT GGGCATCTGA CCTAGTCAGT AGTATTTGGA GTAATGCTGA 2520
CACTAAAAAC TCCAACATGG GATTCTGGGA TGATGCAGTG AAAGAGGTGG GACCTAGGAA 2580
TTCAACAAAT AAAAATAAAA ACAACGCCAG TCTCAGTAAA TCTGTAGGTG TGTCTAACCG 2640
GCAGAATAAG AAAGTAGAAG AAGAAGAAAA GTTGCTGAAG CTCTTTCAGG GAGTAAATAA 2700
AGCCCAAGAT GGATTTACGC AGTGGTGTGA ACAGATGCTT CATGCCCTTA ATACGGCAAA 2760
TAACTTGGAT GTTCCCACAT TTGTTTCTTT CCTGAAAGAA GTAGAATCTC CTTATGAGGT 2820
CCATGATTAT ATCAGGGCCT ATTTAGGAGA TACTTCTGAG GCCAAGGAGT TTGCCAAGCA 2880
GTTCCTTGAG CGCCGTGCCA AACAGAAAGC CAACCAGCAG CGTCAGCAGC AGCAGCTGCC 2940
ACAGCAGCAG CAGCAGCAGC CGCCACAGCA GCCGCCACAG CAGCCACAAC AGCAGGACTC 3000
TGTGTGGGGG ATGAACCACA GTACACTCCA TTCAGTATTT CAGACCAATC AAAGCAACAA 3060
CCAACAATCC AATTTTGAGG CTGTGCAGAG TGGCAAGAAG AAGAAAAAGC AGAAGATGGT 3120
CCGAGCAGAT CCCAGTTTAT TAGGATTTTC AGTCAATGCA TCATCGGAGC GACTCAACAT 3180
GGGTGAAATC GAGACGTTGG ATGACTACTG AGCACCTGCC AGTGGACTGG CCATCCCTCT 3240
CCTGTCTGCC GACTATGGAG TCTCCACCTT TGGACACAAC ACTTACTCAC CATTTACTCT 3300
TTATCACTCT GCAACAAATC ACAGAACCGA TCATCTCAGG CTTTTTCTTC TGGCCCTTTG 3360
TGTCCAAGAT TCTTTAATCC ATTTTTGTTG GTGAACATCT CAGACTATAG ATAAGTGGAC 3420
TGGACCCTGT GTCTTGGGGG TGGCAGTTGG GATTACTCCC CAACAAGGCT GATTTTAGGC 3480
AGCATGTGTT CACTGTGCTG TGATTTCATC TACTGTCTCC CAGAAAGTGT GTTGGGATCG 3540
GCCATTAGCA GCTTGCTTTC TCTTGTCACT TTTTTTCTTC TATTTTGTTT TTTCTTCTTC 3600
TTTTTCCCCC CATCAGGGCA AATGGTCTAA CTGGTGCAAT CATGAAGAGA GTTAATGGTT 3660
AACAGACATT GGCCAATAAC AAAACACCCC ATGGACTGTG ACTCGAGTAT CCAACAGGCA 3720
GTCAGAGCTC TCCCGGTCTG AAAGTTGCAT TGCCACTGCT AACTTTGGGA TTGCATCAGA 3780
GAGGCCCTGA GTGGGGTTGA GATGAGGTTG GTTTGGTTTG ATGTTACACA CTCCTCACCT 3840
GTTCTTTCTG AGTGTCCTTT CTCTGAAAGG ATTTATGTTT TTCTTCGTTA GATAGTGACT 3900
TCTGAGCAAG CTGATCTCCC CTGGCATGCT CCAACCTGAT TGGACAAAGG AAGCTCTATG 3960
GCCTGGGAGA GAGACTATTC TTAATTTTTC TTTCTTACAA AAACTGATTT TTCCCATAAA 4020
TATTTTTACT TCAGAGGACT AGGACCATTT TGTTTTGGGC CCTTCTGCTG AAAATTTGTC 4080
TCGTTTAAGA GGCAGCTAGA ATCTTTACCA TATGTATGAA TTTGTATAAT TTCATTTTTG 4140
GATAGGGATA AACTTTTGCT TCTGATAAAA GCCTGGAATT TCATCTGGTC CTCAGAGCAT 4200
TGCGTGTGTG TCTTGCTGTA GCCCGGAAAA GGTTTTGTGT AAAGATTCTG GGATGGCAAG 4260
TTGTTTGCCT TTTCTGAAAA GAGAACATAC AGAACCTGTC CATCTTTAAG ACCTTCATCC 4320
ATGGAATCTA CTATACAGGA GGATGCAGTG GGCTGGAGGG GATGGGCGAA AATGGGAGCA 4380
GGAAGCCTGG CCTGGCTTCT GGTCATGGCC TCCTAAAACC TTAAACTTCA AGTAGAAATG 4440
TACTCAAGCC CTATTTATAA ACAAATACTT TTCCTGCCTC CACCAAACCC CTACAGAACA 4500
TCACCTGGAA TTGCCACTCA CACTGGGTTG GAGTCATTGG GCAGCTGTGC CTGTGCGAGA 4560
GGTGCTGTGG TCTGGGCAGC CCCTGGAAAA GCACCTTTGC TGCCTGTCAT TGTTGCCTGA 4620
AGAAGGCTGG AGTTGCTCTG AGAGCAGTTT GGGTTTGGAG TATTATATTT GGCTTCTATT 4680

```
TTTATTATTT TGGATCACCA TTCTCCCTAT CCCTTCTTGC CTCCCTCCCT TCTAAACATG  4740
TGTAATAACT ATACAGAGAC TGCTACAAAA TTGTATATAG TTTTTGGATC AAATAGCATG  4800
AGGGGAGAGG AAACCATTAA AAGTTGGGGC TCCTACTCTC CTTTGCTTTG TAAATTCAAA  4860
AGTTGGGGGT GGGTAAGAGG GATAGTTAAA ATGTTTACAA AACTTTAGGC TCCCTCGGAA  4920
CTTTTGCCAG TGTGGAGGAA AATAAAAAAG AACTTAAAT                          4959
Name: 266                Len:  5676  Check:     1D2F
GGATCCTTGA GGGCACTGGT GCGACTTTCA GGTGAGGTCT TAGCAGATGA AAGCGGCTGG    60
CTGTGGCCCG CGCCAGTAGT GCTTTCTGCT CCGCACTCGC CGTGAGCCAG GTGTGCAACC   120
GGATTTGGGG CGAGGGTCGC GCTGGCTACC TCGCATGCGC AGAGCCGGAA GCCCGCTGAC   180
CGGACTACAG CTCCCAGAAG AGCCTTGTGG AGGCCGCAGA CGCGAAGCCG CTGGCGCCAT   240
CTTGAAATCT GATCCTCCAT CCCCGAGGCT TTGCGTCTGC GCGGCCGGCC GCTGCTGCTC   300
CGGGAGCCCA GTCTGCTAAA AGGGGAGGAC GTTGAGGACG CGGCGGCTGG CGGGAGAGAC   360
AGCTGGGGAG AGACATGGCA GGGTCGGAGC GCGGCCTGCG CCTCTGTCAC TCAGCATCCT   420
CTTAGGCGTT TCCACGCCCG CCCCCTGCCC GAGGGGCGGG GCTGACGGCT CTGGTACCCG   480
GAGTCGGCGC GCGGGGCAGG GGCGCGCCCC TGCAGAGTGG GGACCCCACT GGGCTGTGCC   540
ATGCTGACCG GAGACCACCG AGGCGGGAGA CAGAGCGCGG CGAAGAGCCA TTGAGTGGTC   600
ACCCAGTAGC CGCCGCCGCC GCCGCCTCGG GAAGCTTGCC ACCCGCTAGG AGGGAAGATG   660
AAGGAGATTT GCAGGATCTG TGCCCGAGAG CTGTGTGGAA ACCAGCGGCG CTGGATCTTC   720
CACACGGCGT CCAAGCTCAA TCTCCAGGTT CTGCTTTCGC ACGTCTTGGG CAAGGATGTC   780
CCCCGCGATG GCAAAGCCGA GTTCGCTTGC AGCAAGTGTG CTTTCATGCT TGATCGAATC   840
TATCGATTCG ACACAGTTAT TGCCCGGATT GAAGCGCTTT CTATTGAGCG CTTGCAAAAG   900
CTGCTACTGG AGAAGGATCG CCTCAAGTTC TGCATTGCCA GTATGTATCG GAAGAATAAC   960
GATGACTCTG GCGCGGAGAT CAAGGCGGGG AATGGGACGG TTGACATGTC CGTCTTACCC  1020
GATGCGAGAT ACTCTGCACT GCTCCAGGAG GACTTCGCCT ATTCAGGGTT TGAGTGCTGG  1080
GTGGAGAATG AGGATCAGAT CCAGGAGCCA CACAGCTGCC ATGGTTCAGA AGGCCCTGGA  1140
AACCGACCCA GGAGATGCCG TGGTTGTGCC GCTTTGCGGG TTGCTGATTC TGACTATGAA  1200
GCCATTTGTA AGGTACCTCG AAAGGTGGCC AGAAGTATCT CCTGCGGCCC TTCTAGCAGG  1260
TGGTCGACCA GCATTTGCAC TGAAGAACCA GCGTTGTCTG AGGTTGGGCC ACCCGACTTA  1320
GCAAGCACAA AGGTACCCCC AGATGGAGAA AGCATGGAGG AAGAGACGCC TGGTTCCTCT  1380
GTGGAATCTT TGGATGCAAG CGTCCAGGCT AGCCCTCCAC AACAGAAAGA TGAGGAGACT  1440
GAGAGAAGTG CAAAGGAACT TGGAAAGTGT GACTGTTGTT CAGATGATCA GGCTCCGCAG  1500
CATGGGTGTA ATCACAAGCT GGAATTAGCT CTTAGCATGA TTAAAGGTCT TGATTATAAG  1560
CCCATCCAGA GCCCCCGAGG GAGCAGGCTT CCGATTCCAG TGAAATCCAG CCTACCTGGA  1620
GCCAAGCCTG GCCCTAGCAT GACAGATGGA GTTAGTTCCG GTTTCCTTAA CAGGTCTTTG  1680
AAACCCCTTT ACAAGACACC TGTGAGTTAT CCCTTGGAGC TTTCAGACCT GCAGGAGCTG  1740
TGGGATGATC TCTGTGAAGA TTATTTGCCG CTCCGGGTCC AGCCCATGAC TGAAGAGTTG  1800
CTGAAACAAC AAAAGCTGAA TTCACATGAG ACCACTATAA CTCAGCAGTC TGTATCTGAT  1860
TCCCACTTGG CAGAACTCCA GGAAAAAATC CAGCAAACAG AGGCCACCAA CAAGATTCTT  1920
CAAGAGAAAC TTAATGAAAT GAGCTATGAA CTAAAGTGTG CTCAGGAGTC GTCTCAAAAG  1980
CAAGATGGTA CAATTCAGAA CCTCAAGGAA ACTCTGAAAA GCAGGGAACG TGAGACTGAG  2040
GAGTTGTACC AGGTAATTGA AGGTCAAAAT GACACAATGG CAAAGCTTCG AGAAATGCTG  2100
CACCAAAGCC AGCTTGGACA ACTTCACAGC TCAGAGGGTA CTTCTCCAGC TCAGCAACAG  2160
GTAGCTCTGC TTGATCTTCA GAGTGCTTTA TTCTGCAGCC AACTTGAAAT ACAGAAGCTC  2220
CAGAGGGTGG TACGACAGAA AGAGCGCCAA CTGGCTGATG CCAAACAATG TGTGCAATTT  2280
GTAGAGGCTG CAGCACACGA GAGTGAACAG CAGAAAGAGG CTTCTTGGAA ACATAACCAG  2340
GAATTGCGAA AAGCCTTGCA GCAGCTACAA GAAGAATTGC AGAATAAGAG CCAACAGCTT  2400
CGTGCCTGGG AGGCTGAAAA ATACAATGAG ATTCGAACCC AGGAACAAAA CATCCAGCAC  2460
CTAAACCATA GTCTGAGTCA CAAGGAGCAG TTGCTTCAGG AATTTCGGGA GCTCCTACAG  2520
TATCGAGATA ACTCAGACAA AACCCTTGAA GCAAATGAAA TGTTGCTTGA GAAACTTCGC  2580
CAGCGAATAC ATGATAAAGC TGTTGCTCTG GAGCGGGCTA TAGATGAAAA ATTCTCTGCT  2640
CTAGAAGAGA AAGAAAAAGA ACTGCGCCAG CTTCGTCTTG CTGTGAGAGA GCGAGATCAT  2700
GACTTAGAGA GACTGCGCGA TGTCCTCTCC TCCAATGAAG CTACTATGCA AAGTATGGAG  2760
AGTCTCCTGA GGGCCAAAGG CCTGGAAGTG GAACAGTTAT CTACTACCTG TCAAAACCTC  2820
CAGTGGCTGA AAGAAGAAAT GGAAACCAAA TTTAGCCGTT GGCAGAAGGA ACAAGAGAGT  2880
ATCATTCAGC AGTTACAGAC GTCTCTTCAT GATAGGAACA AAGAAGTGGA GGATCTTAGT  2940
GCAACACTGC TCTGCAAACT TGGACCAGGG CAGAGTGAGA TAGCAGAGGA GCTGTGCCAG  3000
CGTCTACAGC GAAAGGAAAG GATGCTGCAG GACCTTCTAA GTGATCGAAA TAAACAAGTG  3060
CTGGAACATG AAATGGAGAT TCAAGGCCTG CTTCAGTCTG TGAGCACCAG GGAGCAGGAA  3120
AGCCAAGCTG CTGCAGAGAA GTTGGTGCAA GCCTTAATGG AAAGAAATTC AGAATTACAG  3180
GCCCTGCGCC AATATTTAGG AGGGAGAGAC TCCCTGATGT CCCAAGCACC CATCTCTAAC  3240
CAACAAGCTG AAGTTACCCC CACTGGCCGT CTTGGAAAAC AGACTGATCA AGGTTCAATG  3300
CAGATACCTT CCAGAGATGA TAGCACTTCA TTGACTGCCA AAGAGGATGT CAGCATACCC  3360
AGATCCACAT TAGGAGACTT GGACACAGTT GCAGGGCTGG AAAAAGAACT GAGTAATGCC  3420
```

51

AAAGAGGAAC TTGAACTCAT GGCTAAAAAA GAAAGAGAAA GTCAGATGGA ACTTTCTGCT 3480
CTACAGTCCA TGATGGCTGT GCAGGAAGAA GAGCTGCAGG TGCAGGCTGC TGATATGGAG 3540
TCTCTGACCA GGAACATACA GATTAAAGAA GATCTCATAA AGGACCTGCA AATGCAACTG 3600
GTTGATCCTG AAGACATACC AGCTATGGAA CGCCTGACCC AGGAAGTCTT ACTTCTTCGG 3660
GAAAAAGTTG CTTCAGTAGA ATCCCAGGGT CAAGAAATTT CAGGAAACCG AAGACAACAG 3720
TTGCTGCTGA TGCTAGAAGG ACTAGTAGAT GAACGGAGTC GGCTCAATGA GGCCTTACAA 3780
GCAGAGAGAC AGCTCTATAG CAGTCTGGTG AAGTTCCATG CCCATCCAGA GAGCTCTGAG 3840
AGAGACCGAA CTCTGCAGGT GGAACTGGAA GGGGCTCAGG TGTTACGCAG TCGGCTAGAA 3900
GAAGTTCTTC GAAGAAGCTT GGAGCGCTTA AACAGGCTGG AGACCCTGGC CGCCATTGGA 3960
GGTGCAGCTG CAGGGGATGA CACCGAAGAT ACAAGCACTG AGTTCACTGA CAGTATTGAG 4020
GAGGAGGCTG CACACCATAG TCACCAGCAA CTATAGCTTC AGAAGCATTT TTACTTGCAA 4080
GACGATGGAC ACATTCCCCT TGGGCTTTTT GTAACTGAAA CGCACCACAG AAGACAGGGA 4140
GTCATCGAAG GGCTGCTCGG GGAGGTGGCA GGGCGGAGGA CCTGCTTGGG AAGAAACTCC 4200
AAGAAGATTG GAATGCTTCC AAAGCAAGAA TCTTTCTCAG TGAAATCTCA TTATACAAAG 4260
AGAACCTTAT GCAACCTGAC AAACCACTGA GGTCATGGTG ACTCAGTGAT CAGCAGATGG 4320
TACTTCAACA GCAATCCCCT GTCAAACCTC AGAACTTGAG GCTGAAACAT TGCTTCCACC 4380
CACCATCAGT GAAGATGTAA CTAGCATGTT ACAAGAGTGA ATAATCTGGA CTTCAGAGAT 4440
TAAGTCACCA ATAGTGATCT CACAAGCACT CACCGGAACT CCTATAATGT CTCCACTTTG 4500
TCCATGCCAT TTAGCAATCT CATCTCCTAA ATGGACTGTG CCTATGATTC TTAAGGAGAA 4560
AGTGAATCAT TGGTAGATAT CCTGCACAAG CAGCTGGACT TTCCAGTAAT AGCTTTCTTG 4620
GGGCTATTAG GAAAATTAAA CAAGAAATGA GGCTTTCTGG GTCTGCCTGT ATGTCTTCTG 4680
CATAAGACAA AGAAGAGACA TCGAATCAAC CAATAAGAAG AGCCCAAATA AGCATCCTCA 4740
AATCTTTTGG GATTTGGCAC TTGGGGACAT GAGTAGTTGT CTGGGATACG TCATATTCTC 4800
AACAGTTTCT TTGTAGTAGT AGGATCACCT TCTTATAATA GGATCACCTT CTTGTTGCTA 4860
TAGCTGTACC CGACCTTCCC TTCTCCCTTG AGTGCTTGCA TGAGCTCCAC TTTTCCTTTT 4920
GCTTGAACAG CTTCTCCTGA GTCCTCCTTA CCGATGGTTG TGACTTTAAT TATATACATC 4980
TCTGTCCCTC CAGACAGATC CCTCTGTCCT CACTCTCTGA TTTCATTGAG GATCTTGGGT 5040
GAGAGAGAGG GACCTGCAGG ATGAACAAAT GTCTACTCTA AGACAGCTAG ATTGGGAGGT 5100
TGGCTGGTCA CTGATGGTTA TAATGACTGT GGGACAGGAT TAACTTCAGA ATAAATGAAC 5160
AGGAGACACA GATATGAAGA AAGTTTCTGA TTGATATGGT CTGAAGTACT CCTGGTATTG 5220
CAAGTCATTT GCTCTAATTC TCAATTGTAG GCAAACTGAT TTGTAAATTT GCTTCTTCAG 5280
CCTTCTTTCC TGTAGCCTAG CATGGAGAAT CTGACCAGAC CCCATTTTGA GAAGGTCAGC 5340
CTACACTGGA ATGAACTTTT TACATTAGGG CATTTGTATT TCCCTCACAA TACTTGCCAC 5400
ATTACTTGGC ATAGGAGAGA TGCTTAGTGT AATTATAAGT TAACAAGCCT TTGGATCAGG 5460
GCTTGACTCA TGATAGACAA AGTATATGCC TGCTGGATGG AAGAATCTCT TGGGCGAGCA 5520
CCATTTTTCT TTCCATCACC TTTCCTTGAA AATATATCTT CAGCTTTGGG TAGGAGGAAT 5580
CTTGGTGTAT GAAATCATTG CAAATTTACT TCATCTTTTC TGGAGTTTGA AGTTGTGACT 5640
CTCCTGCTAC CAATTAAATA AAGCTTACTT TGCCAT 5676

Name: 267 Len: 2483 Check: C86

TGGAGTTTGA CTATTCTGAG GACAAGAGTA GTTGGGACAA CCAGCAGGAA AACCCCCCTC 60
CTACCAAAAA GATAGGCAAA AAGCCAGTTG CCAAAATGCC CCTGAGGAGG CCAAAGATGA 120
AAAAGACACC CGAGAAACTT GACAACACTC CTGCCTCACC TCCCAGATCC CCTGCTGAAC 180
CCAATGACAT CCCCATTGCT AAAGGTACTT ACACCTTTGA TATTGACAAG TGGGATGACC 240
CCAATTTTAA CCCTTTTTCT TCCACCTCAA AAATGCAGGA GTCTCCCAAA CTGCCCCAAC 300
AATCATACAA CTTTGACCCA GACACCTGTG ATGAGTCCGT TGACCCCTTT AAGACATCCT 360
CTAAGACCCC CAGCTCACCT TCTAAATCCC CAGCCTCCTT TGAGATCCCA GCCAGTGCTA 420
TGGAAGCCAA TGGAGTGGAC GGGGATGGGC TAAACAAGCC CGCCAAGAAG AAGAAGACGC 480
CCCTAAAGAC TGACACATTT AGGGTGAAAA AGTCGCCAAA ACGGTCTCCT CTCTCTGATC 540
CACCTTCCCA GGACCCCACC CCAGCTGCTA CACCAGAAAC ACCACCAGTG ATCTCTGCGG 600
TGGTCCACGC CACAGATGAG GAAAAGCTGG CGGTCACCAA CCAGAAGTGG ACGTGCATGA 660
CAGTGGACCT AGAGGCTGAC AAACAGGACT ACCCGCAGCC CTCGGACCTG TCCACCTTTG 720
TAAACGAGAC CAAATTCAGT TCACCCACTG AGGAGTTGGA TTACAGAAAC TCCTATGAAA 780
TTGAATATAT GGAGAAAATT GGCTCCTCCT TACCTCAGGA CGACGATGCC CCGAAGAAGC 840
AGGCCTTGTA CCTTATGTTT GACACTTCTC AGGAGAGCCC TGTCAAGTCA TCTCCCGTCC 900
GCATGTCAGA GTCCCCGACG CCGTGTTCAG GGTCAAGTTT TGAAGAGACT GAAGCCCTTG 960
TGAACACTGC TGCGAAAAAC CAGCATCCTG TCCCACGAGG ACTGGCCCCT AACCAAGAGT 1020
CACACTTGCA GGTGCCAGAG AAATCCTCCC AGAAGGAGCT GGAGGCCATG GGTTTGGGCA 1080
CCCCTTCAGA AGCGATTGAA ATTACAGCTC CCGAGGGCTC CTTTGCCTCT GCTGACGCCC 1140
TCCTCAGCAG GCTAGCTCAC CCCGTCTCTC TCTGTGGTGC ACTTGACTAT CTGGAGCCCG 1200
ACTTAGCAGA AAAGAACCCC CCACTATTCG CTCAGAAACT CCAGAGAGAG GCTGTTCACC 1260
CAACAGACGT CTCCATCTCC AAAACAGCCT TGTACTCCCG CATCGGGACC GCTGAGGTGG 1320
AGAAACCTGC AGGCCTTCTG TTCCAGCAGC CCGACCTGGA CTCTGCCCTC CAGATCGCCA 1380
GAGCAGAGAT CATAACCAAG GAGAGAGAGG TCTCAGAATG GAAAGATAAA TATGAAGAAA 1440

GCAGGCGGGA AGTGATGGAA ATGAGGAAAA TAGTGGCCGA GTATGAGAAG ACCATCGCTC 1500
AGATGATAGA GGACGAACAG AGAGAGAAGT CAGTCTCCCA CCAGACGGTG CAGCAGCTGG 1560
TTCTGGAGAA GGAGCAAGCC CTGGCCGACC TGAACTCCGT GGAGAAGTCT CTGGCCGACC 1620
TCTTCAGAAG ATATGAGAAG ATGAAGGAGG TCCTAGAAGG CTTCCGCAAG AATGAAGAGG 1680
TGTTGAAGAG ATGTGCGCAG GAGTACCTGT CCCGGGTGAA GAAGGAGGAG CAGAGGTACC 1740
AGGCCCTGAA GGTGCACGCG GAGGAGAAAC TGGACAGGGC CAATGCTGAG ATTGCTCAGG 1800
TTCGAGGCAA GGCCCAGCAG GAGCAAGCCG CCCACCAGGC CAGCCTGCGG AAGGAGCAGC 1860
TGCGAGTGGA CGCCCTGGAA AGGACGCTGG AGCAGAAGAA TAAAGAAATA GAAGAACTCA 1920
CCAAGATTTG TGACGAACTG ATTGCCAAAA TGGGGAAAAG CTAACTCTGA ACCGAATGTT 1980
TTGGACTTAA CTGTTGCGGC AATATGACCG TCGGCACACT GCTGTTCCTC CAGTTCCATG 2040
GACAGGTTCT GTTTTCACTT TTTCGTATGC ACTACTGTAT TTCCTTTCTA AATAAAATTG 2100
ATTTGATTGT ATGCAGTACT AAGGAGACTA TCAGAATTTC TTGCTATTGG TTTGCATTTT 2160
CCTAGTATAA TTCATAGCAA GTTGACCTCA GAGTTCCTGT ATCAGGGAGA TTGTCTGATT 2220
CTCTAATAAA AGACACATTG CTGACCTTGG CCTTGCCCTT TGTACACAAG TTCCCAGGGT 2280
GAGCAGCTTT TGGATTTAAT ATGAACATGT ACAGCGTGCA TAGGGACTCT TGCCTTAAGG 2340
AGTGTAAACT TGATCTGCAT TTGCTGATTT GTTTTTAAAA AAACAAGAAA TGCATGTTTC 2400
AAATAAAATT CTCTATTGTA AATAAAATTT TTTCTTTGGA TCTTGAAAAA AAAAAAAAAA 2460
AAAAAAAAAA AAAAAAAAAA AAA 2483

Name: 268 Len: 4143 Check: 23CF

GGCTGATGAC GACTGGTGGC CAATGCAGAT ACTAATTAAG TGCCCTAATC AAATTGTGAG 60
ACAGATGTTT CAGCGTTTGT GTATCCATGT GATTCAGAGG CTGAGACCTG TGCATGCTCA 120
TCTCTATTTG CAGCCAGGAA TGGAAGATGG GTCAGATGAT ATGGATACCT CAGTAGAAGA 180
TATTGGTGGT CGTTCATGTG TCACTCGCTT TGTGAGAACC CTGTTATTAA TTATGGAACA 240
TGGTGTAAAA CCTCACAGTA AACATCTTAC AGAGTATTTT GCCTTCCTTT ACGAATTTGC 300
AAAAATGGGT GAAGAAGAGA GCCAATTTTT GCTTTCATTG CAAGCTATAT CTACAATGGT 360
ACATTTTTAC ATGGGAACAA AAGGACCTGA AAATCCTCAA GTTGAAGTGT TATCAGAGGA 420
AGAAGGGGAA GAAGAAGAGG AGGAAGAAGA TATCCTCTCT CTGGCAGAAG AAAAATACAG 480
GCCAGCTGCC CTTGAAAAGA TGATAGCTTT AGTTGCTCTT TTGGTTGAAC AGTCTCGATC 540
AGAAAGGCAT TTGACATTAT CACAGACTGA CATGGCAGCA TTAACAGGAG GAAAGGGATT 600
TCCCTTCTTG TTTCAACATA TTCGTGATGG CATCAATATA AGACAAACTT GTAATCTGAT 660
TTTCAGCCTG TGTCGATACA ATAATCGACT TGCAGAACAT ATTGTATCTA TGCTTTTCAC 720
ATCAATAGCA AAGTTGACTC CTGAGGCAGC CAATCCTTTC TTTAAGTTGT TGACTATGCT 780
AATGGAGTTT GCTGGTGGAC CTCCAGGAAT GCCTCCCTTT GCATCTTATA TTCTGCAGAG 840
GATATGGGAG GTGATTGAAT ACAATCCTTC TCAGTGTCTA GATTGGTTGG CAGTGCAGAC 900
ACCCCGAAAT AAACTGGCAC ACAGCTGGGT CTTACAGAAT ATGGAAAACT GGGTCGAGCG 960
GTTTCTTTTG GCTCACAATT ATCCTAGAGT GAGGACTTCT GCAGCTTATC TTCTGGTGTC 1020
CCTTATACCA AGCAATTCAT TCCGTCAGAT GTTCCGGTCA ACAAGGTCTT TGCACATCCC 1080
AACCCGTGAC CTTCCACTCA GTCCAGACAC AACAGTAGTC CTACATCAGG TCTACAACGT 1140
GCTCCTTGGT TTGCTCTCAA GAGCCAAACT TTATGTTGAT GCTGCTGTTC ATGGCACTAC 1200
AAAGCTAGTG CCCTATTTTA GCTTTATGAC TTACTGTTTA ATTTCCAAAA CTGAGAAGCT 1260
GATGTTTTCC ACATATTTCA TGGATTTGTG GAACCTTTTC CAGCCTAAAC TTTCTGAGCC 1320
AGCAATAGCT ACAAATCACA ATAAACAGGC TTTGCTTTCA TTTTGGTACA ATGTCTGTGC 1380
TGACTGTCCA GAGAATATCC GCCTTATTGT TCAGAACCCA GTGGTAACCA AGAACATTGC 1440
CTTCAATTAC ATCCTTGCTG ACCATGATGA TCAGGATGTG GTGCTTTTTA ACCGTGGGAT 1500
GCTGCCAGCG TACTATGGCA TTCTGAGGCT CTGCTGTGAG CAGTCTCCTG CATTCACACG 1560
ACAACTGGCT TCTCACCAGA ACATCCAGTG GGCCTTTAAG AATCTTACAC CACATGCCAG 1620
CCAATACCCT GGAGCAGTAG AAGAACTGTT TAACCTGATG CAGCTGTTTA TAGCTCAGAG 1680
GCCAGATATG AGAGAAGAAG AATTAGAAGA TATTAAACAG TTCAAGAAAA CAACCATAAG 1740
TTGTTACTTA CGTTGCTTAG ATGGCCGCTC CTGCTGGACT ACTTTAATAA GTGCCTTCAG 1800
AATACTATTA GAATCTGATG AAGACAGACT TCTTGTTGTA TTTAATCGAG GATTGATTCT 1860
AATGACAGAG TCTTTCAACA CTTTGCACAT GATGTATCAC GAAGCTACAG CTTGCCATGT 1920
GACTGGAGAT TTAGTAGAAC TTCTGTCAAT ATTTCTTTCG GTTTTGAAGT CTACACGCCC 1980
TTATCTTCAG AGAAAAGATG TGAAACAAGC ATTAATCCAG TGGCAGGAGC GAATTGAATT 2040
TGCCCATAAA CTGTTAACTC TTCTTAATTC CTATAGTCCT CCAGAACTTA GAAATGCCTG 2100
TATAGATGTC CTCAAGGAAC TTGTACTTTT GAGTCCCCAT GATTTTCTTC ATACTCTGGT 2160
TCCCTTTCTA CAACACAACC ATTGTACTTA CCATCACAGT AATATACCAA TGTCTCTTGG 2220
ACCTTATTTC CCTTGTCGAG AAAATATCAA GCTAATAGGA GGGAAAAGCA ATATTCGGCC 2280
TCCGCGCCCT GAACTCAATA TGTGCCTCTT GCCCACAATG GTGGAAACCA GTAAGGGCAA 2340
AGATGACGTT TATGATCGTA TGCTGCTAGA CTACTTCTTT TCTTATCATC AGTTCATCCA 2400
TCTATTATGC CGAGTTGCAA TCAACTGTGA AAAATTTACT GAAACATTAG TTAAGCTGAG 2460
TGTCCTAGTT GCCTATGAAG GTTTGCCACT TCATCTTGCA CTGTTCCCCA AACTTTGGAC 2520
TGAGCTATGC CAGACTCAGT CTGCTATGTC AAAAAACTGC ATCAAGCTTT TGTGTGAAGA 2580
TCCTGTTTTC GCAGAATATA TTAAATGTAT CCTAATGGAT GAAAGAACTT TTTTAAACAA 2640

```
CAACATTGTC TACACGTTCA TGACACATTT CCTTCTAAAG GTTCAAAGTC AAGTGTTTTC  2700
TGAAGCAAAC TGTGCCAATT TGATCAGCAC TCTTATTACA AACTTGATAA GCCAGTATCA  2760
GAACCTACAG TCTGATTTCT CCAACCGAGT TGAAATTTCC AAAGCAAGTG CTTCTTTAAA  2820
TGGGGACCTG AGGGCACTCG CTTTGCTCCT GTCAGTACAC ACTCCCAAAC AGTTAAACCC  2880
AGCTCTAATT CCAACTCTGC AAGAGCTTTT AAGCAAATGC AGGACTTGTC TGCAACAGAG  2940
AAACTCACTC CAAGAGCAAG AAGCCAAAGA AAGAAAAACT AAAGATGATG AAGGAGCAAC  3000
TCCCATTAAA AGGCGGCGTG TTAGCAGTGA TGAGGAGCAC ACTGTAGACA GCTGCATCAG  3060
TGACATGAAA ACAGAAACCA GGGAGGTCCT GACCCCAACG AGCACTTCTG ACAATGAGAC  3120
CAGAGACTCC TCAATTATTG ATCCAGGAAC TGAGCAAGAT CTTCCTTCCC CTGAAAATAG  3180
TTCTGTTAAA GAATACCGAA TGGAAGTTCC ATCTTCGTTT TCAGAAGACA TGTCAAATAT  3240
CAGGTCACAG CATGCAGAAG AACAGTCCAA CAATGGTAGA TATGACGATT GTAAAGAATT  3300
TAAAGACCTC CACTGTTCCA AGGATTCTAC CCTAGCTGAG GAAGAATCTG AGTTCCCTTC  3360
TACTTCTATC TCTGCAGTTC TGTCTGACTT AGCTGACTTG AGAAGCTGTG ATGGCCAAGC  3420
TTTGCCCTCC CAGGACCCTG AGGTTGCTTT ATCTCTCAGT TGTGGCCATT CCAGAGGACT  3480
CTTTAGTCAT ATGCAGCAAC ATGACATTTT AGATACCCTG TGTAGGACCA TTGAATCTAC  3540
AATCCATGTC GTCACAAGGA TATCTGGCAA AGGAAACCAA GCTGCTTCTT GACATTAGGT  3600
GTAGCATGTC TACTTTTAAG TCCCTCACCC CCAACCCCCA TGCTGTTTGT ATAAGTTTTG  3660
CTTATTTGTT TTTGTGCTTC AGTTTGTCCA GTGCTCTCTG CTTGAATGGC AAGATAGATT  3720
TATAGGCTTA ATTCTTGGTC AGGCAGAACT CCAGATGAAA AAAACTTGCA TCTTCAGTAT  3780
ACTTCCTAAA GGGCAATCAG ATAATGGATA TGTTTTATGT AATTAAGAGT TCACTTTAGT  3840
GGCTTTCATT TAATATGGCT GTCTGGGAAG AACAGGGTTG CCTAGCCCTG TACAATGTAA  3900
TTTAAACTTA CAGCATTTTT ACTGTGTATG ATATGGTGTC CTCTGTGCCA GTTTTGTACC  3960
TTATAGAGGC AGATTGCCTC CGATCGCTGT GGTTCTTATT ATCAAAATTA AGTTTACTTG  4020
TATACGGAAC AACCACAAGA AATTTGATTC TGTAAAGAAT CCTCTTTAGC TGTGGCCTGG  4080
CAGTATATAA ATGGTGCTTT ATTTAACAGA ATACCTGTGG AGGAAATAAA GCACACTTGA  4140
TGT                                                               4143
Name: 269                 Len:  1605  Check:    1799
AATGCCGAGA GGATGGAGAG CATCCTGCAG GCACTGGAGG ATATTCAGCT GGATCTGGAG    60
GCAGTGAACA TCAAGGCAGG CAAAGCCTTC CTGCGTCTCA AGCGCAAGTT CATCCAGATG   120
CGAAGACCCT TCCTGGAGCG CAGAGACCTC ATCATCCAGC ATATCCCAGG CTTCTGGGTC   180
AAAGCATTCC TCAACCACCC CAGAATTTCA ATTTTGATCA ACCGACGTGA TGAAGACATT   240
TTCCGCTACT TGACCAATCT GCAGGTACAG GATCTCAGAC ATATCTCCAT GGGCTACAAA   300
ATGAAGCTGT ACTTCCAGAC TAACCCCTAC TTCACAAACA TGGTGATTGT CAAGGAGTTC   360
CAGCGCAACC GCTCAGGCCG GCTGGTGTCT CACTCAACCC CAATCCGCTG GCACCGGGGC   420
CAGGAACCCC AGGCCCGTCG TCACGGGAAC CAGGATGCGA GCCACAGCTT TTTCAGCTGG   480
TTCTCAAACC ATAGCCTCCC AGAGGCTGAC AGGATTGCTG AGATTATCAA GAATGATCTG   540
TGGGTTAACC CTCTACGCTA CTACCTGAGA GAAAGGGGCT CCAGGATAAA GAGAAAGAAG   600
CAAGAAATGA AGAAACGTAA AACCAGGGGC AGATGTGAGG TGGTGATCAT GGAAGACGCC   660
CCTGACTATT ATGCAGTGGA AGACATTTTC AGCGAGATCT CAGACATTGA TGAGACAATT   720
CATGACATCA AGATCTCTGA CTTCATGGAG ACCACCGACT ACTTCGAGAC CACTGACAAT   780
GAGATAACTG ACATCAATGA GAACATCTGC GACAGCGAGA ATCCTGACCA CAATGAGGTC   840
CCCAACAACG AGACCACTGA TAACAACGAG AGTGCTGATG ACCACGAAAC CACTGACAAC   900
AATGAGAGTG CAGATGACAA CAACGAGAAT CCTGAAGACA ATAACAAGAA CACTGATGAC   960
AACGAAGAGA ACCCTAACAA CAACGAGAAC ACTTACGGCA ACAACTTCTT CAAAGGTGGC  1020
TTCTGGGGCA GCCATGGCAA CAACCAGGAC AGCAGCGACA GTGACAATGA AGCAGATGAG  1080
GCCAGTGATG ATGAAGATAA TGATGGCAAC GAAGGTGACA ATGAGGGCAG TGATGATGAT  1140
GGCAATGAAG GTGACAATGA AGGCAGCGAT GATGACGACA GAGACATTGA GTACTATGAG  1200
AAAGGTATTG AAGACTTTGA CAGGGATCAG GCTGACTACG AGGACGTGAT AGAGATCATC  1260
TCAGACGAAT CAGTGGAAGA AGAGGGCATT GAGGAAGGCA TCCAGCAAGA TGAGGACATC  1320
TATGAGGAAG GAAACTATGA GGAGGAAGGA AGTGAAGATG TCTGGGAAGA AGGGGAAGAT  1380
TCGGACGACT CTGACCTAGA GGATGTGCTT CAGGTCCCAA ACGGTTGGGC CAATCCGGGG  1440
AAGAGGGGGA AAACCGGATA AGGGTTTTCC CCTTTTGGGG ATCACCTCTC TGTATCCCCC  1500
ACCCACTATC CCATTTGCCC TCCTCCTCAG CTAGGGCCAC GCGGACCCAC ATTGCACTTC  1560
TGGGGGGTGA CCGACTTCGT ACACGGGTTT AAAGTTTATT TTTTT                  1605
Name: 27                  Len:   421  Check:     F84
AACGAAAAGA ATGGGAATGA CAGTAACAAA CAAGATTTCC CCACTGGATA TTGCGATGGG    60
ACTGCAGCAG TCTTATCTTT GAAATTCAGA AAGGAAACAA CTCTGTTCCA AACAGCTAAA   120
TATGCAAGTC CAAAAAATGA AGGTATGTTT AACTGCCACA TTCACTCGAA GCCCATTCAT   180
CTCCTTCAGC ATCCCAATGA AGTACACGAT CTGCTTAGCT AAATAAGGTG GCACACGCGC   240
TGCACCGCTG ACATCACAGG ACAGTTGCCT ATAAAACTAG ACTTCTGACC GCAGGGCTCC   300
AGCTTCACTT TCTCACAGGT CATCATCCTC ATCTNGGGAG AGCAGTCGTC TGGAGCAACC   360
TCTAAAATCA TGCTCGTACT TGTGCTGGCC AAAGCTGGGG TCCATGACCA CNTCCAGGTG   420
N                                                                   421
```

54

Name: 270 Len: 2488 Check: 1BC6

```
GGCCGGAACA GGCGTTTAGA GAAAATGGCA GACGATATTG ATATTGAAGC AATGCTTGAG    60
GCTCCTTACA AGAAGGATGA GAACAAGTTG AGCAGTGCCA ACGGCCATGA AGAACGTAGC   120
AAAAAGAGGA AAAAAAGCAA GAGCAGAAGT CGTAGTCATG AACGAAAGAG AAGCAAAAGT   180
AAGGAACGGA AGCGAAGTAG AGACAGAGAA ACGAAAAAGA GCAAAAGCCG TGAAAGAAAG   240
CGAAGTAGAA GCAAAGAGAG GCGACGGAGC CGCTCAAGAA GTCGAGATCG AAGATTTAGA   300
GGCCGCTACA GAAGTCCTTA CTCCGGACCA AAATTTAACA GTGCCATCCG AGGAAAGATT   360
GGGTTGCCTC ATAGCATCAA ATTAAGCAGA CGACGTTCCC GAAGCAAAAG TCCATTCAGA   420
AAAGACAAGA GCCCTGTGAG AGAACCTATT GATAATTTAA CTCCTGAGGA AAGAGATGCA   480
AGGACAGTCT TCTGTATGCA GCTGGCGGCA AGAATTCGAC CAAGGGATTT GGAAGAGTTT   540
TTCTCTACAG TAGGAAAGGT TCGAGATGTG AGGATGATTT CTGACAGAAA TTCAAGACGT   600
TCCAAAGGAA TTGCTTATGT GGAGTTCGTC GATGTTAGCT CAGTGCCTCT AGCAATAGGA   660
TTAACTGGCC AACGAGTTTT AGGCGTGCCA ATCATAGTAC AGGCATCACA GGCAGAAAAA   720
AACAGAGCTG CAGCAATGGC AAACAATTTA CAAAAGGGAA GTGCTGGACC TATGAGGCTT   780
TATGTGGGCT CATTACACTT CAACATAACT GAAGATATGC TTCGTGGGAT CTTTGAGCCT   840
TTTGGAAGAA TTGAAAGTAT CCAGCTGATG ATGGACAGTG AAACTGGTCG ATCCAAGGGA   900
TATGGATTTA TTACATTTTC TGACTCAGAA TGTGCCAAAA AGGCTTTGGA ACAACTTAAT   960
GGATTTGAAC TAGCAGGAAG ACCAATGAAA GTTGGTCATG TTACTGAACG TACTGATGCT  1020
TCGAGTGCTA GTTCATTTTT GGACAGTGAT GAACTGGAAA GGACTGGAAT TGATTTGGGA  1080
ACAACTGGTC GTCTTCAGTT AATGGCAAGA CTTGCAGAGG GTACAGGTTT GCAGATTCCG  1140
CCAGCAGCAC AGCAAGCTCT ACAGATGAGT GGCTCTTTGG CATTTGGTGC TGTGGCAGAA  1200
TTCTCTTTTG TTATAGATTT GCAAACAAGA CTTTCCCAGC AGACTGAAGC TTCAGCTTTA  1260
GCTGCAGCTG CCTCTGTTCA GCCACTTGCA ACACAATGTT TCCAACTCTC TAACATGTTT  1320
AACCCTCAAA CAGAAGAAGA AGTTGGATGG GATACCGAGA TTAAGGATGA TGTGATTGAA  1380
GAATGTAATA AACATGGAGG AGTTATTCAT ATTTATGTTG ACAAAAATTC AGCTCAGGGC  1440
AATGTGTATG TGAAGTGCCC ATCAATTGCT GCAGCTATTG CTGCTGTCAA TGCATTGCAT  1500
GGCAGGTGGT TTGCTGGTAA AATGATAACA GCAGCATATG TACCTCTTCC AACTTACCAC  1560
AACCTGTTTC CTGATTCTAT GACAGCAACA CAGCTACTGG TTCCAAGTAG ACGATGAAGG  1620
AAGATATAGT CCCTTATGTA TATAGCTTTT TTTCTTTCTT GAGAATTCAT CTTGAGTTAT  1680
CTTTTATTTA GATAAAAATA AAGAGGCAAG GATCTACTGT CATTTGTATG CAATTTCCTG  1740
TTACCTTGAA AAAATAAAAA TGTTAACAGG AATGCAGTGT GCTCATTCTC CCTAAATAGT  1800
AAATCCCACT GTATACAAAA CTGTTCTCTT GTTCTGCCTT TTAAAATGTT CATGTAGAAA  1860
ATTAATGAAC TATAGGAATA GCTCTAGGAG AACAAATGTG CTTTCTGTAA AAAGGCAGAC  1920
CAGGGATGTA ATGTTTTTAA TGTTTCAGAA GCCTAACTTT TTACACAGTG GTTACATTTC  1980
ACATTTCACT AATGTTGATA TTTGGCTGAT GGTTGAGCAG TTTCTGAAAT ACACATTTAG  2040
TGTATGGAAA TACAAGACAG CTAAAGGGCT GTTTGGTTAG CATCTCATCT TGCATTCTGA  2100
TCAATTGGCA AGAAAGGGAG ATTTCAAAAT TATATTTCTT GATGGTATCT TTTCAATTAA  2160
TGTATCTGTA AAAGTTTCTT TGTAAATACT ATGTGTTCTG GTGTGTCTTA AAATTCCAAA  2220
CAAAATGATC CCTGCATTTC CTGAAGATGT TTAAACGTGA GAGTCTGGTA GGCAAAGCAG  2280
TCTGAGAAAG AAATAGGAAA TGCAGAAATA GGTTTTGTCT GGTTGCATAT AATCTTTGCT  2340
CTTTTTAAGC TCTGTGAGCT CTGAAATATA TTTTTGGGTT ACTTCAGTGT GTTTGACAAG  2400
ACAGCTTGAT ATTTCTATCA AACAAATGAC TTTCATATTG CAACAATCTT TGTAAGAACC  2460
ACTCAAATAA AAGTCTCTTA AAAAGGCC                                     2488
```

Name: 271 Len: 1769 Check: 153D

```
GCTTTCACCC ATTAGCATTA CTTACGTAGA TAATTCTTTA TGCCTAGTTA TTATACATAT    60
TAATTTTTAA GGTATACATT TAAATTACAC AATTGTTCAT TGTGGTTTGT ATCCCAGAAT   120
GTGTTGTGTT TTTTAAAAGA TGCATAATAG CTGAATGTAT GCATGACTTT GAAAGAAGTT   180
AAAATGGTGA TTTTTTTTCA CCTCTTGTAC ATTTTAAAAC CAGGCCAAAT CTATTTGCCA   240
AGCAGTGTAT CACTAATAAG AAAAGCAGTT TTTCCTTTTA TTGCAGTTTT TGTTTATCTG   300
CCATAGAATT TCCTTATACT GTGGCTTGGT ATTATTCAAG ATTAGCTATT TCGCTGGTAT   360
TACATCTTTT TAAAAGCCTA TTATAACATG GTTAGCCTAT AAGGCAGTGT TGGTCCCCTT   420
CTAATATTGG CCTCATAAAG GGGTTCCACT GTACTTTCCG CATATTACTG TGTTGTTGTT   480
TTCCTTTGTG GATATATAAG CAAATTGAGC TTGGGTGATT TTTATGGAGA CAATAATTAG   540
ACAATACTGT ATAATTAGTT TTACTTAATA GATTATCATC TTGTGAGAAG AGATGTTTAA   600
ACGTGGTAAA TCACTTCATA TTACAAAACA GTTTTACACT TAATATGTTA ACATTGGGTG   660
CAATAATTTA GTAGCATTAG CTTTAGTTAC AAATATAACT GGATCTTTCT GCTGACAACT   720
TAGGTTGTAT GAGTTATGCT TAAAAGCTTT AAATCTGATG TTTCCTGTAC CTGCCACACT   780
ATGTTAGAAT GTGTCCTTCA AACATATCCT CCTGCAACTT CTCAAACTGT ACTAAATTGA   840
TATTTCTTGA AGTCTAACTC TGTGCTAACA GATCTCCATT TTAAATAGAA TACGGTTTTA   900
ATTTTTGATA AGCTGCTGAA TTTTAAAGAG AGTTTTTTGG GGCCACCAAA TATTTTGGAT   960
CATGCAGAGA ATATATATTG TACTGTAGTA ATTTTGTATT TACATTTGTA TGATGTGACA  1020
TAATAGATGT GAATGTTAAT CACTGCTTGA CTATGTTAAT AAAGTTGTTT AACTATAAAA  1080
AAAAAAAAAA ACCCACGCGT CCTTCAGATC AATCCATCTA TGCAAATTTA TGGGGAAAAA  1140
```

```
TTGTTTTTTA AATTAAATTT CCAATACCCA AGCCCTAAAA TTGATGGATG TGACCCCAGG  1200
TGTTCCCCTT ACCTCTTGGC CCCCCAAAAC AGGGACAGAC ATAGATGGTG GGCTGGAACA  1260
CCCCTCACCT CCTGTATTCC CAGAAAGCCT CGCGTTGAGG TGTGTTGGCC AGCTCCCTAG  1320
TTTGTGCTTA CTATACCTGG CCACGCCTCC CTACCTAAGG CCGCTGGCTT AACCCTAGGG  1380
GCAGGCAGTG TTAGATCAGA CCCAGACCTT CTCATCCCAC CCTCATCACA TCGGGGAGAG  1440
GGGACTCCAG GGGCGGGAAG GCAGGCGTCC CTCCATTTGG CCAGGGTGGG CGGCGAGGAG  1500
GGGGTCACTC TGCAGGAACA CTGAGCTCTG AACACCTCTC GCCTGCTGCC TGCCTCACAC  1560
CCTCTGCATT CGCTGTTTCC TCTGTTGGGG GAGGGGGTTT GTGAGGGGAA TATTAGATTA  1620
CACCTTGTCA TTTGGAAAGC CCCGTGTCTC CGGCGGCCAC AGCGAGGTTG GGGGGGTGGT  1680
GAGGGAAGTC CATGGATTGG CCAGAACTGG GGGAAAAACA AAAAGAAATG AGAGAAAGAG  1740
AGAGCGGGTA CCAAAAAAAA AAAAAAAAA                                    1769
Name: 272              Len:  5541  Check:     3F4
GTCCAGAGTG GCAGTAAAGG AGGAAGATGG CGGGGTGCAG GGGGTCTCTG TGCTGCTGCT    60
GCAGGTGGTG CTGCTGCTGC GGTGAGCGTG AGACCCGCAC CCCCGAGGAG CTGACCATCC   120
TTGGAGAAAC ACAGGAGGAG GAGGATGAGA TTCTTCCAAG GAAAGACTAT GAGAGTTTGG   180
ATTATGATCG CTGTATCAAT GACCCTTACC TGGAAGTTTT GGAGACCATG GATAATAAGA   240
AAGGTCGAAG ATATGAGGCG GTGAAGTGGA TGGTGGTGTT TGCCATTGGA GTCTGCACTG   300
GCCTGGTGGG TCTCTTTGTG GACTTTTTTG TGCGACTCTT CACCCAACTC AAGTTCGGAG   360
TGGTACAGAC ATCGGTGGAG GAGTGCAGCC AGAAAGGCTG CCTCGCTCTG TCTCTCCTTG   420
AACTCCTGGG TTTTAACCTC ACCTTTGTCT TCCTGGCAAG CCTCCTTGTT CTCATTGAGC   480
CGGTGGCAGC AGGTTCCGGG ATACCCGAGG TCAAATGCTA TCTGAATGGC GTAAAGGTGC   540
CAGGAATCGT CCGTCTCCGG ACCCTGCTCT GCAAGGTCCT TGGAGTGCTG TTCAGTGTGG   600
CTGGAGGGCT CTTCGTGGGG AAGGAAGGCC CCATGATCCA CAGTGGTTCG GTGGTGGGAG   660
CTGGCCTCCC TCAGTTTCAG AGCATCTCCT TACGGAAGAT CCAGTTTAAC TTCCCCTATT   720
TCCGAAGCGA CAGAGACAAG AGAGACTTTG TATCAGCAGG AGCGGCTGCT GGAGTTGCTG   780
CAGCTTTCGG GGCGCCAATC GGGGGTACCT TGTTCAGTCT AGAGGAGGGT TCGTCCTTCT   840
GGAACCAAGG GCTCACGTGG AAAGTGCTCT TTTGTTCCAT GTCTGCCACC TTCACCCTCA   900
ACTTCTTCCG TTCTGGGATT CAGTTTGGAA GCTGGGGTTC CTTCCAGCTC CCTGGATTGC   960
TGAACTTTGG CGAGTTTAAG TGCTCTGACT CTGATAAAAA ATGTCATCTC TGGACAGCTA  1020
TGGATTTGGG TTTCTTCGTC GTGATGGGGG TCATTGGGGG CCTCCTGGGA GCCACATTCA  1080
ACTGTCTGAA CAAGAGGCTT GCAAAGTACC GTATGCGAAA CGTGCACCCG AAACCTAAGC  1140
TCGTCAGAGT CTTAGAGAGC CTCCTTGTGT CTCTGGTAAC CACCGTGGTG GTGTTTGTGG  1200
CCTCGATGGT GTTAGGAGAA TGCCGACAGA TGTCCTCTTC GAGTCAAATC GGTAATGACT  1260
CATTCCAGCT CCAGGTCACA GAAGATGTGA ATTCAAGTAT CAAGACATTT TTTTGTCCCA  1320
ATGATACCTA CAATGACATG GCCACACTCT TCTTCAACCC GCAGGAGTCT GCCATCCTCC  1380
AGCTCTTCCA CCAGGATGGT ACTTTCAGCC CCGTCACTCT GGCCTTGTTC TTCGTTCTCT  1440
ATTTCTTGCT TGCATGTTGG ACTTACGGCA TTTCTGTTCC AAGTGGCCTT TTTGTGCCTT  1500
CTCTGCTGTG TGGAGCTGCT TTTGGACGTT TAGTTGCCAA TGTCCTAAAA AGCTACATTG  1560
GATTGGGCCA CATCTATTCG GGGACCTTTG CCCTGATTGG TGCAGCGGCT TTCTTGGGCG  1620
GGGTGGTCCG CATGACCATC AGCCTCACGG TCATCCTGAT CGAGTCCACC AATGAGATCA  1680
CCTACGGGCT CCCCATCATG GTCACACTGA TGGTGGCCAA ATGGACAGGG GACTTTTTCA  1740
ATAAGGGCAT TTATGATATC CACGTGGGCC TGCGAGGCGT GCCGCTTCTG GAATGGGAGA  1800
CAGAGGTGGA AATGGACAAG CTGAGAGCCA GCGACATCAT GGAGCCCAAC CTGACCTACG  1860
TCTACCCGCA CACCCGCATC CAGTCTCTGG TGAGCATCCT GCGCACCACG GTCCACCATG  1920
CCTTCCCGGT GGTCACAGAG AACCGCGGTA ACGAGAAGGA GTTCATGAAG GGCAACCAGC  1980
TCATCAGCAA CAACATCAAG TTCAAGAAAT CCAGCATCCT CACCCGGGCT GGCGAGCAGC  2040
GCAAACGGAG CCAGTCCATG AAGTCCTACC CATCCAGCGA GCTACGGAAC ATGTGTGATG  2100
AGCACATCGC CTCTGAGGAG CCAGCCGAGA AGGAGGACCT CCTGCAGCAG ATGCTGGAAA  2160
GGAGATACAC TCCCTACCCC AACCTATACC CTGACCAGTC CCCAAGTGAA GACTGGACCA  2220
TGGAGGAGCG GTTCCGCCCT CTGACCTTCC ACGGCCTGAT CCTTCGGTCG CAGCTTGTCA  2280
CCCTGCTTGT CCGAGGAGTT TGTTACTCTG AAAGCCAGTC GAGCGCCAGC CAGCCGCGCC  2340
TCTCCTATGC CGAGATGGCC GAGGACTACC CGCGGTACCC CGACATCCAC GACCTGGACC  2400
TGACGCTGCT CAACCCGCGC ATGATCGTGG ATGTCACCCC ATACATGAAC CCTTCGCCTT  2460
TCACCGTCTC GCCCAACACC CACGTCTCCC AAGTCTTCAA CCTGTTCAGA ACGATGGGCC  2520
TGCGCCACCT GCCCGTGGTG AACGCTGTGG GAGAGATCGT GGGGATCATC ACACGGCACA  2580
ACCTCACCTA TGAATTTCTG CAGGCCCGGC TGAGGCAGCA CTACCAGACC ATCTGACAGC  2640
CCAGCCCACC CTCTCCTGGT GCTGCCTGGG GAGGCAAATC ATGCTCACTC CGGCGGGCAC  2700
AGCTGGCTGG GGCTGTTCCG GGGCATGGAA GATTCCCAGT TACCCACTCA CTCAGAAAGC  2760
CGGGAGTCAT CGGACACCTT GCTGGTCAGA GGCCCTGGGG GTGGTTTTGA ACCATCAGAG  2820
CTTGGACTTT TCTGACTTCC CCAGCAAGGA TCTTCCCACT TCCTGCTCCC TGTGTTCCCA  2880
CCCTCCAGTG TTGGCACAGG CCCACCCCTG GCTCCACCAG AGCCAGAAGC AGAGGTAGAA  2940
TCAGGCGGGC CCCGGGCTGC ACTCCGAGCA GTGTTCCTGG CCATCTTTGC TACTTTCCTA  3000
GAGAACCCGG CTGTTGCCTT AAATGTGTGA GAGGGACTTG GCCAAGGCAA AAGCTGGGGA  3060
```

```
GATGCCAGTG ACAACATACA GTTCATGACT AGGTTTAGGA ATTGGGCACT GAGAAAATTC  3120
TCAATATTTC AGAGAGTCCT TCCCTTATTT GGGACTCCTA ACACGGTATC CTCGCTAGTT  3180
TGTTTTAAGG GAAACACTCT GCTCCTGGGT GTGAGCAGAG GCTCTGGTCT TGCCCTGTGG  3240
TTTGACTCTC CTTAGAACCA CCGCCCACCA GAAACATAAA GGATTAAAAT CACACTAATA  3300
ACCCCTGGAT GGTCAATCTG ATAATAGGAT CAGATTTACG TCTACCCTAA TTCTTAACAT  3360
TGCAGCTTTC TCTCCATCTG CAGATTATTC CCAGTCTCCC AGTAACACGT TTCTACCCAG  3420
ATCCTTTTTC ATTTCCTTAA GTTTTGATCT CCGTCTTCCT GATGAAGCAG GCAGAGCTCA  3480
GAGGATCTTG GCATCACCCA CCAAAGTTAG CTGAAAGCAG GGCACTCCTG GATAAAGCAG  3540
CTTCACTCAA CTCTGGGGAA TGCTACCATT TTTTTTCCAA AGTAGAAAGG AAGCACTTCT  3600
GAGCCAGTGA CCACTGAAAG GTATGTGCTA TGATAAAGCA GATGGCCTAT TTGAGGAAGA  3660
GGGTGTCTGC CCTTCACAAA CACCTCTCTC TCCCCTGCAC TAGCTGTCCC AAGCTTACAT  3720
ACAGAGGCCC TTCAGGAGGG CCTCCTGTGC CGCAGGGAGG GTGCGTGGGG AAGATGCTTC  3780
CTGCCAGCAC GTGCCTGAAG GTTTCACATG AAGCATGGGA AGCGCACCCT GTCGTTCAGT  3840
GACGTCATTC TTCTCCAGGC TGGCCCGCCC CCTCTGACTA GGCACCCAAA GTGAGCATCT  3900
GGGCATTGGG CATTCATGCT TATCTTCCCC CACCTTCTAC ATGGTATCAG TCCCAGCAGG  3960
CATCCCTGGG GCAGACGTGC TTTGGCTCAA GATGGCCTTC ATTTACGTTT AGTTTTTTTT  4020
AAAACCGTGG AGGTTGCCCA CGGGCCTCGG CACCTGGCCC TGGCAGCACA GCTCTCAGGC  4080
CCAGCCCTGG GCGACCTCCT TGGCCAAGTC TGCCTTTCAC CCTGGGGTGA GCATCAGTCC  4140
TGGCTCTGCT GGTCCAGATC TTGCGCTCAG CACACTCTAG GGAATAATTC CACTCCAGAG  4200
ATGGGGCTGC TTCAAGGTCT TTTCTAGCTG ATTGTGGCCC CTCCATTTTC CCCATTTTCT  4260
TATCTCCCTG ACCAAAATTG CTTTGACTTC TAAATGTTTC TGCTTCCCAG AATGCACCTG  4320
ACTTATGAAA TGGGGATAAT ACTCCCAGGA AATAGCGCAG GACATCACAA GGACCAAAAA  4380
GGCAATTCTT ATTTAAATGT TACTATTTGG CCAGCTGCTG CTGTGTTTTA TGGCAGTGTT  4440
CAGAGCTTGA TCACGTTATT TCTTCCTTTT ATTAAGAAGG AAGCCAATTG TCCAAGTCAG  4500
GAGAATGGTG TGATCACCTG TCACAGACAC TTTGTCCCCT CTCCCCGCCC CTTCCTGGAG  4560
CTGGCAGAGC TAACGCCCTG CAGGAGGACC CCGGCCTCTC GAGGGCTGGA TCAGCAGCCG  4620
CCTGCCCTGA GGCTGCCCCG GTGAATGTTA TTGGAATTCA TCCCTCGTGC ACATCCTGTT  4680
GTGTTTAAGT CACCAGATAT TTTGTTCCCA TCAGTTTAGC CCAGAGATAG ACAGTAGAAT  4740
GCAAATACCT CCCTCCCCTA AACTGACTGG ACGGCTGCCA AGGAGGCCCC AAACCCAGGC  4800
CCCATGCAAA GGCACGTGGT TTCCTTTTCT CCTCTCTCTG CATCTGCGCT TTCCAGATAA  4860
GCCCAAAGAC AGCAACTTCT CCACTCATGA CAAATCAACT GTGACCCTCG CTCCTTCCAT  4920
TTCTGTCCAT TAGAAACCAG CCTTTTCAGC ATCTCACCCA TTAGCAGCCC CATCACCCAG  4980
TGATCAGTCG CCTCAGTAAA GCAGATCTGT GGATGGGGAG CCTACGGGTG GTAAGAAGTG  5040
GTGTTTTGTG TTTCATCTCC AGCTTGGTGT TCCATGGCCC CTAGGCGAGG TGATCAGGGA  5100
GTGGGGCCAA TGGGCCCCCG GCCCTGGCTT TGGGACCTTG TGCTGAGGGA TGATTTGCTC  5160
CTGACCTTGA TTAACTTAAC AGTTCCCAGC TGGAAGGGAC ACTTTCAGGA CCCAGTCCAC  5220
TGTATGGCAT TTGTGATGCA GAATTATGCA CTGACATGAC CCTGGGTGAC AGGAAAGCCT  5280
TTCGAGAGGC CCAAGGTGGC CTCGCCAGCC CTGCAGTATT GATGTGCAGT ATTGCACCAC  5340
AGCTCTGCGG ACCTTGGCCA TTGCCGCAGT CGCAGCTTCC TTTTTTCTGT TTGCACTGTT  5400
TGTTTGTATG ATGTTAGCTA ATTCCACTGT GTATATAAAT TGTATTTTTT TTAATTTGTA  5460
AAATGCTATT TTTATTTGAA CCTTTGGAAC TTGGGAGTTC TCATTGTAAC CCTAACATGT  5520
GAGAATAAAA TGTCTTCTGT C                                            5541

Name: 273                 Len:  5047  Check:    251C

CCGTTGCTGT CGCCGTTGCT GTCGGGGGCG CTGTGCGCTG AGGAAGGCGC GGGCGAGCCG    60
GAGCAGAAGA AGGAGGGAGG GAGCCAGCCG CTGCAGCCAC CACCGCCACC ATGTCCTACC   120
AAGGCAAGAA GAACATCCCG CGGATCACGA GTGACCGTCT CCTTATCAAG GGAGGCAGAA   180
TCGTCAATGA TGATCAGTCC TTTTATGCTG ATATTTACAT GGAAGATGGC TTAATAAAAC   240
AAATTGGAGA CAATCTGATT GTTCCTGGAG GAGTGAAGAC CATTGAAGCC AATGGGAAGA   300
TGGTGATCCC TGGAGGCATC GATGTCCATA CTCACTTCCA GATGCCATAT AAGGGAATGA   360
CCACAGTAGA TGACTTCTTC CAAGGGACAA AGGCGGCCTT AGCAGGTGGC ACCACCATGA   420
TCATTGACCA TGTGGTGCCT GAGCCTGAGT CCAGCCTGAC TGAGGCCTAT GAGAAATGGA   480
GAGAGTGGGC TGATGGGAAG AGTTGCTGTG ACTATGCCCT GCATGTGGAC ATCACCCACT   540
GGAATGACAG CGTCAAGCAG GAAGTGCAGA ACCTCATCAA GGACAAAGGG GTTAACTCCT   600
TCATGGTTTA TATGGCTTAT AAGGATTTGT ATCAAGTATC TAACACAGAG CTCTATGAGA   660
TCTTCACCTG CCTGGGAGAG CTGGGGGCCA TTGCTCAAGT TCATGCTGAG AATGGGGATA   720
TCATTGCCCA GGAGCAAACC CGCATGTTGG AAATGGGGAT AACTGGCCCA GAAGGCCATG   780
TACTGAGCAG GCCAGAAGAG CTGGAAGCTG AGGCTGTGTT CCGTGCCATC ACCATTGCCA   840
GCCAAACCAA TTGCCCTCTC TACGTCACAA AGGTCATGAG CAAGAGTGCA GCTGACCTCA   900
TCTCACAAGC CAGGAAAAAA GGAAATGTAG TCTTTGGTGA GCCCATCACT GCCAGCCTCG   960
GCATAGATGG AACCCATTAT TGGAGCAAGA ACTGGGCCAA GGCGGCTGCA TTTGTGACAT  1020
CCCCACCCCT GAGCCCTGAC CCAACTACTC CGGACTACAT CAACTCCTTG CTGGCCAGCG  1080
GGGATCTGCA GCTATCTGGG AGTGCCCACT GCACCTTCAG CACTGCCCAG AAAGCAATTG  1140
GGAAGGACAA CTTCACAGCC ATTCCTGAGG GCACCAATGG TGTGGAGGAG CGGATGTCTG  1200
```

```
TCATCTGGGA CAAGGCTGTG GCCACAGGGA AAATGGACGA AAACCAGTTC GTGGCTGTGA  1260
CAAGCACAAA CGCTGCCAAG ATCTTCAACC TGTATCCCCG CAAGGGAAGA ATATCTGTGG  1320
GTTCTGACAG CGACCTCGTC ATCTGGGATC CAGATGCTGT GAAGATCGTC TCTGCCAAGA  1380
ACCACCAGTC TGCGGCAGAG TACAACATCT TTGAAGGGAT GGAGCTGCGC GGGGCTCCTC  1440
TGGTTGTCAT CTGCCAGGGC AAGATCATGC TGGAAGATGG CAACCTGCAC GTGACCCAGG  1500
GGGCTGGCCG CTTCATACCC TGCAGCCCGT TCTCCGACTA TGTCTACAAG CGCATTAAAG  1560
CACGGAGGAA GATGGCAGAC CTGCATGCCG TCCCAAGGGG CATGTACGAT GGGCCTGTGT  1620
TTGACCTGAC CACCACCCCC AAAGGTGGCA CCCCCGCAGG CTCTGCTCGG GGCTCTCCTA  1680
CTCGGCCGAA CCCACCTGTG AGGAATCTTC ATCAGTCGGG ATTTAGCCTG TCAGGCACCC  1740
AAGTGGATGA GGGGGTTCGC TCAGCCAGCA AGCGCATCGT GGCCCCCCCA GGCGGCCGTT  1800
CTAATATCAC ATCTCTGAGT TAAGCAAGCC TTCCTCAAAG AGAGGGGCAG AAGCAAGAAG  1860
AGATTGTTTT GAAGCCAAAA TGGTACACCG ATATTTAAGA AGGAAAGCGA ATCCAAACGG  1920
TTGTGATCTA AAGAATCAAT AAGCCTCAAG CCTTATGTTT CTCCAATGTT ACGCTCGCTT  1980
GCCTAGCTTT ACGAATATTG CTTTGTTTTC TGTTTATGCA TAGCCTTGAT TTGTTTGACT  2040
CCCCTCCCCC CATTTACATG CATGCAATCA GACAGGCCAC TAAGGTAAAA GAGTCTGCTC  2100
TATCATAGTG TTGAGAGCGT GTGTAGTGCT GCATCTTATG ACAAGGGGAC AGACAAGCTG  2160
GGACGTCAGG GAAATGAACA AAAGGGACGC AGGTTATTTG GGGTGAGTGG GTGGTGGGAG  2220
CCTGGAGCAA GGTGGAGGGT GCAGAGGGGC TGGGGTAGGG CATGTAGGAG GGAGGTGGGT  2280
GGGTCAGGTG AGTGGAAGGG GTGTTGTATA TTGTGTTGAT GACGTACGTT ATTTCCATGG  2340
AAGATAGCCG CTGTGGCAGC TGTCACATCA CCACAGCTCC CTAGGGTCTG CCGAGAAGGC  2400
AGGCAGTCTT TGGGTTCTGT TCTTTGTCAC GTCCCCTACA AGTAAATTTT GTTTCTTTGA  2460
ACGTTTATTA AAATGCCAAG ACCCAACCAT TTCTTCCACC TGCTTGATTG TGCCAGTGTT  2520
TGCTCAGGCC TCTTTCTTAG TGTTGCTTTC AAATCCTTCT CTTTCCTGGG TTGGGAAGGC  2580
CAGGCAGGGA CAGAGCAAAT GACACTTCTC TTCCTCTTGC CCTCCCTGCC TCTTTGGTGC  2640
TCTTAAAAGC CAGCAGCTGA GAACATAGCA CAGGCCCACG TGGTGAGGGC ACCCACAGCT  2700
TAAAGACGCT TCCTTCTAAA CACGGCGAGG TCACCTCTCA CTCTTCTGTC TTTGCAAACC  2760
GAGAAGAGTG GCATGCTTCT GGCATCCCAA GTCAGGATTT TAGCTCAGAT GAGGCAGAAT  2820
GAAGGGCCTC TCTTACAGGC AGTTTGTGTT TGATTCTCTC GATCCTGGCA CATCCATGAT  2880
AAATAGGAGT TTTTGAAAGT TGGTTTTATT AGGTGTTCCC TAATTTTTAC CGTAATAGGT  2940
CATCTCAGCT TATATGAAAG TCAAGTGGGG AACTGGGAAA GCCAAAGTCA GTCTTGAGCA  3000
GAGGGAGCAC ATTTTGTGGA CCTGGTTCCA CCTTTCCATT CCAAACCACC TGTTTCCCCT  3060
TCCATTAGCA GAAACTCTGG GGGAACTTTG TGTCTCAGTC CTAGAATCTC CCCAAGTGAG  3120
TGGAAGTGAC ATGATGCAGT CTTCCTCATG GGGCACCTGA AAGAAATTAG TGTGGGTGCT  3180
TCGATCTACC TTGTCTGTCA GAGTTGAATA TCTCTTTCCC TATCATGCTG CTTCTGAAAA  3240
TTCAGTTTTG GAGCAAGTCC TGTGAGCAAG ATAAGAATCT ATAGAACCAA GATGCTCATT  3300
TTCAGAAGAA ATATGTTCAA CCTGGGATCA GACTTCCATG CTCTGGGGAA TCCAAGTGGT  3360
AGCACCTGTA ACCCTGTGTA CTAAGTGCTT TGAAGAGAAG AGCAGGCCTC AGACACCTTT  3420
TAATTGCTTA GGAGAAACCA TTGTCTCTGA CTGCAGGTTT GAATAAGTTG AAGACCAGAG  3480
AAAAGTACAC ACTGGGCTAC AAAGGAATTT GGAGATAGCC AAGGAACAGG ATTTCCCCTA  3540
GCAAGCTACC TTCTGTTCAA ATCATGAAAA AAGACTATTT CCCCTTAGAA TAGGGAAGCT  3600
TGCTATTTTA AAGCTCTTGT AGTGCTTTTC TTTTAAGGGA GATGTAGTAA AAGGGAAAAT  3660
GTAGCTCTTA GTTTACACTT CAAAGATGTG GGGGTCTTTC AGAGAACTAA GAATAACAGT  3720
TTTATGTGCA GAGAGAGTTT GCCAGATCTG AAGCATATAC CTCATTGACT AGGCTGTTAC  3780
TTTGGGATAG GTTGCAGTAC CAGCCACAGC CAGCAGATAG AGGAAAAGAC ACACATAAAC  3840
TCGCTTCTGA GCGTCCACTT CTGCACTCTC TGCTCTGCTG TTACTCAGCC CCTGAGTCTG  3900
ACTCATCTCT GCACAACCTC TCTGTGCCAT GAAGATAAGT CTTCCATGGC CAAATCGGTC  3960
ATCCGCACTG CCCTTGGGAC TTCCGAAGTG AACCATTCCA CCAGAACCTT TGATTCTGCA  4020
CAAGATTTCC TTGCTCTGGG AACAACCCCC AAATGCCCTT GGGAGGAACA ACATGAGCTC  4080
AGGAAGCCTC TCTTTCTTCA CTTACCATTA CTAACTCTCC AAGCATAGAA ATCCCTGGGA  4140
ATTGCGAGAA TAACTCCCAC TATTTTAAAA TTTATATTCA GATTTGTTTC GTTTCATAAG  4200
ACACATCAAA CAGGCCTATA CAAAAGGTTT AGGAAAAGAA AACAATGGTG AGTCCCGGCC  4260
CTCTTCGAAT TCACTGGCAC CTCATGCAAG TGTAGGAAGG CACGCTGGAT CGTCTATCTG  4320
ATTCCAAAGC TGTCCTTTGC CATCTCATCC CTTGGCCTGC CCCCCAACCC TGAGGATGCC  4380
CCTGCCATCC CCCCAACCTC CTCATATTGC CTCTGAACCC AGATGGCAAT CCATCCCGGT  4440
TCTCTCTGAG GGCCACGGGC TTGGGTAGTG GAAAGGGTGT TTGGGAAATT GTTAAATCAG  4500
TTACCCGTAG TAGAGCTATT TCTTGTACTT CTAAGTTTTC TAGAAGTGGA AGGATTGTAG  4560
TCATCCTGAA AATGGGTTTA CTTCAAAATC CCTCAGCCTT GTTCTTCACG ACTGTCTATA  4620
CTGAGAGTGT CATGTTTCCA CAAAGGGCTG ACACCTGAGC CTGGATTTTC ACTCATCCCT  4680
GAGAAGCCCT TTCCAGTAGG GTGGGCAATT CCCAACTTCC TTGCCACAAG CTTCCCAGGC  4740
TTTCTCCCCT GGAAAACTCC AGCTTGAGTC CCAGATACAC TCATGGGCTG CCCTGGGCAG  4800
CCAGCATTCA TTGTAAGTTC CCTCTTTGAA AACTGGTGTG TGGGTGTTCA GTTCTGTGTC  4860
TGGTGGGTAT GGACAGACAG TAATCTCCTG TGATCTGTGC TAGCTGTGAG GCAGCTCTGG  4920
AACGTGAAGA GCTGTTTGGT TTGAACCGTG AACAAAACTG TGTTTTGAGT TTAGCTGACA  4980
```

TTAAAGAAAA AAGTTCATCA CGTGACTGTT AATGTAAACC TGGTTATTAA AATAACTATG 5040
AAATTAC 5047

Name: 274 Len: 1231 Check: 13CE

GACAAGATGG CCACACCGGC GGTACCAGTA AGTGCTCCTC CGGCCACGCC AACCCCAGTC 60
CCGGCGGCGG CCCCAGCCTC AGTTCCAGCG CCAACGCCAG CACCGGCTGC GGCTCCGGTT 120
CCCGCTGCGG CTCCAGCCTC ATCCTCAGAC CCTGCGGCAG CAGCGGCTGC AACTGCGGCT 180
CCTGGCCAGA CCCCGGCCTC AGCGCAAGCT CCAGCGCAGA CCCCAGCGCC CGCTCTGCCT 240
GGTCCTGCTC TTCCAGGGCC CTTCCCCGGC GGCCGCGTGG TCAGGCTGCA CCCAGTCATT 300
TTGGCCTCCA TTGTGGACAG CTACGAGAGA CGCAACGAGG GTGCTGCCCG AGTTATCGGG 360
ACCCTGTTGG GAACTGTCGA CAAACACTCA GTGGAGGTCA CCAATTGCTT CTCAGTGCCG 420
CACAATGAGT CAGAAGATGA AGTGGCTGTT GACATGGAAT TTGCTAAGAA TATGTATGAA 480
CTGCATAAAA AAGTTTCTCC AAATGAGCTC ATCCTGGGCT GGTACGCTAC GGGCCATGAC 540
ATCACAGAGC ACTCTGTGCT GATCCATGAG TACTACAGCC GAGAGGCCCC CAACCCCATC 600
CACCTCACTG TGGACACAAG TCTCCAGAAC GGCCGCATGA GCATCAAAGC CTACGTCAGC 660
ACTTTAATGG GAGTCCCTGG GAGGACCATG GGAGTGATGT TCACGCCTCT GACAGTGAAA 720
TACGCGTACT ACGACACTGA ACGCATCGGA GTTGACCTGA TCATGAAGAC CTGCTTTAGC 780
CCCAACAGAG TGATTGGACT CTCAAGTGAC TTGCAGCAAG TAGGAGGGGC ATCAGCTCGC 840
ATCCAGGATG CCCTGAGTAC AGTGTTGCAA TATGCAGAGG ATGTACTGTC TGGAAAGGTG 900
TCAGCTGACA ATACTGTGGG CCGCTTCCTG ATGAGCCTGG TTAACCAAGT ACCGAAAATA 960
GTTCCCGATG ACTTTGAGAC CATGCTCAAC AGCAACATCA ATGACCTTTT GATGGTGACC 1020
TACCTGGCCA ACCTCACACA GTCACAGATT GCACTCAATG AAAAACTTGT AAACCTGTGA 1080
ATGGACCCCA AGCAGTACAC TTGCTGGTCT AGGTATTAAC CCCAGGACTC AGAAGTGAAG 1140
GAGAAATGGG TTTTTTGTGG TCTTGAGTCA CACTGAGATA GTCAGTTGTG TGTGACTCTA 1200
ATAAACGGAG CCTACCTTTT GTAAAAAAAA A 1231

Name: 275 Len: 8368 Check: 1FA2

GCGATCCGGG CGCCACCCCG CGGTCATCGG TCACCGGTCG CTCTCAGGAA CAGCAGCGCA 60
ACCTCTGCTC CCTGCCTCGC CTCCCGCGCG CCTAGGTGCC TGCGACTTTA ATTAAAGGGC 120
CGTCCCCTCG CCGAGGCTGC AGCACCGCCC CCCCGGCTTC TCGCGCCTCA AAATGAGTAG 180
CTCCCACTCT CGGGCGGGCC AGAGCGCAGC AGGCGCGGCT CCGGGCGGCG GCGTCGACAC 240
GCGGGACGCC GAGATGCCGG CCACCGAGAA GGACCTGGCG GAGGACGCGC CGTGGAAGAA 300
GATCCAGCAG AACACTTTCA CGCGCTGGTG CAACGAGCAC CTGAAGTGCG TGAGCAAGCG 360
CATCGCCAAC CTGCAGACGG ACCTGAGCGA CGGGCTGCGG CTTATCGCGC TGTTGGAGGT 420
GCTCAGCCAG AAGAAGATGC ACCGCAAGCA CAACCAGCGG CCCACTTTCC GCCAAATGCA 480
GCTTGAGAAC GTGTCGGTGG CGCTCGAGTT CCTGGACCGC GAGAGCATCA AACTGGTGTC 540
CATCGACAGC AAGGCCATCG TGGACGGGAA CCTGAAGCTG ATCCTGGGCC TCATCTGGAC 600
CCTGATCCTG CACTACTCCA TCTCCATGCC CATGTGGGAC GAGGAGGAGG ATGAGGAGGC 660
CAAGAAGCAG ACCCCCAAGC AGAGGCTCCT GGGCTGGATC CAGAACAAGC TGCCGCAGCT 720
GCCCATCACC AACTTCAGCC GGGACTGGCA GAGCGGCCGG GCCCTGGGCG CCCTGGTGGA 780
CAGCTGTGCC CCGGGCCTGT GTCCTGACTG GGACTCTTGG GACGCCAGCA AGCCCGTTAC 840
CAATGCGCGA GAGGCCATGC AGCAGGCGGA TGACTGGCTG GGCATCCCCC AGGTGATCAC 900
CCCCGAGGAG ATTGTGGACC CCAACGTGGA CGAGCACTCT GTCATGACCT ACCTGTCCCA 960
GTTCCCCAAG GCCAAGCTGA AGCCAGGGGC TCCCTTGCGC CCCAAACTGA ACCCGAAGAA 1020
AGCCCGTGCC TACGGGCCAG GCATCGAGCC CACAGGCAAC ATGGTGAAGA AGCGGGCAGA 1080
GTTCACTGTG GAGACCAGAA GTGCTGGCCA GGGAGAGGTG CTGGTGTACG TGGAGGACCC 1140
GGCCGGACAC CAGGAGGAGG CAAAAGTGAC CGCCAATAAC GACAAGAACC GCACCTTCTC 1200
CGTCTGGTAC GTCCCCGAGG TGACGGGGAC TCATAAGGTT ACTGTGCTCT TTGCTGGCCA 1260
GCACATCGCC AAGAGCCCCT TCGAGGTGTA CGTGGATAAG TCACAGGGTG ACGCCAGCAA 1320
AGTGACAGCC CAAGGTCCCG GCCTGGAGCC CAGTGGCAAC ATCGCCAACA AGACCACCTA 1380
CTTTGAGATC TTTACGGCAG GAGCTGGCAC GGGCGAGGTC GAGGTTGTGA TCCAGGACCC 1440
CATGGGACAG AAGGGCACGG TAGAGCCTCA GCTGGAGGCC CGGGGCGACA GCACATACCG 1500
CTGCAGCTAC CAGCCCACCA TGGAGGGCGT CCACACCGTG CACGTCACGT TTGCCGGCGT 1560
GCCCATCCCT CGCAGCCCCT ACACTGTCAC TGTTGGCCAA GCCTGTAACC CGAGTGCCTG 1620
CCGGGCGGTT GGCCGGGGCC TCCAGCCCAA GGGTGTGCGG GTGAAGGAGA CAGCTGACTT 1680
CAAGGTGTAC ACAAAGGGCG CTGGCAGTGG GGAGCTGAAG GTCACCGTGA AGGGCCCCAA 1740
GGGAGAGGAG CGCGTGAAGC AGAAGGACCT GGGGGATGGC GTGTATGGCT TCGAGTATTA 1800
CCCCATGGTC CCTGGAACCT ATATCGTCAC CATCACGTGG GGTGGTCAGA ACATCGGGCG 1860
CAGTCCCTTC GAAGTGAAGG TGGGCACCGA GTGTGGCAAT CAGAAGGTAC GGGCCTGGGG 1920
CCCTGGGCTG GAGGGCGGCG TCGTTGGCAA GTCAGCAGAC TTTGTGGTGG AGGCTATCGG 1980
GGACGACGTG GGCACGCTGG GCTTCTCGGT GGAAGGGCCA TCGCAGGCTA AGATCGAATG 2040
TGACGACAAG GGCGACGGCT CCTGTGATGT GCGCTACTGG CCGCAGGAGG CTGGCGAGTA 2100
TGCCGTTCAC GTGCTGTGCA ACAGCGAAGA CATCCGCCTC AGCCCCTTCA TGGCTGACAT 2160
CCGTGACGCG CCCCAGGACT TCCACCCAGA CAGGGTGAAG GCACGTGGGC CTGGATTGGA 2220
GAAGACAGGT GTGGCCGTCA ACAAGCCAGC AGAGTTCACA GTGGATGCCA AGCACGGTGG 2280

```
CAAGGCCCCA CTTCGGGTCC AAGTCCAGGA CAATGAAGGC TGCCCTGTGG AGGCGTTGGT  2340
CAAGGACAAC GGCAATGGCA CTTACAGCTG CTCCTACGTG CCCAGGAAGC CGGTGAAGCA  2400
CACAGCCATG GTGTCCTGGG GAGGCGTCAG CATCCCCAAC AGCCCCTTCA GGGTGAATGT  2460
GGGAGCTGGC AGCCACCCCA ACAAGGTCAA AGTATACGGC CCCGGAGTAG CCAAGACAGG  2520
GCTCAAGGCC CACGAGCCCA CCTACTTCAC TGTGGACTGC GCCGAGGCTG GCCAGGGGGA  2580
CGTCAGCATC GGCATCAAGT GTGCCCCTGG AGTGGTAGGC CCCGCCGAAG CTGACATCGA  2640
CTTCGACATC ATCCGCAATG ACAATGACAC CTTCACGGTC AAGTACACGC CCCGGGGGGC  2700
TGGCAGCTAC ACCATTATGG TCCTCTTTGC TGACCAGGCC ACGCCCACCA GCCCCATCCG  2760
AGTCAAGGTG GAGCCCTCTC ATGACGCCAG TAAGGTGAAG GCCGAGGGCC CTGGCCTCAG  2820
TCGCACTGGT GTCGAGCTTG GCAAGCCCAC CCACTTCACA GTAAATGCCA AAGCTGCTGG  2880
CAAAGGCAAG CTGGACGTCC AGTTCTCAGG ACTCACCAAG GGGGATGCAG TGCGAGATGT  2940
GGACATCATC GACCACCATG ACAACACCTA CACAGTCAAG TACACGCCTG TCCAGCAGGG  3000
TCCAGTAGGC GTCAATGTCA CTTATGGAGG GGATCCCATC CCTAAGAGCC CTTTCTCAGT  3060
GGCAGTATCT CCAAGCCTGG ACCTCAGCAA GATCAAGGTG TCTGGCCTGG GAGAGAAGGT  3120
GGACGTTGGC AAAGACCAGG AGTTCACAGT CAAATCAAAG GGTGCTGGTG GTCAAGGCAA  3180
AGTGGCATCC AAGATTGTGG GCCCCTCGGG TGCAGCGGTG CCCTGCAAGG TGGAGCCAGG  3240
CCTGGGGGCT GACAACAGTG TGGTGCGCTT CCTGCCCCGT GAGGAAGGGC CCTATGAGGT  3300
GGAGGTGACC TATGACGGCG TGCCCGTGCC TGGCAGCCCC TTTCCTCTGG AAGCTGTGGC  3360
CCCCACCAAG CCTAGCAAGG TGAAGGCGTT TGGGCCGGGG CTGCAGGGAG GCAGTGCGGG  3420
CTCCCCCGCC CGCTTCACCA TCGACACCAA GGGCGCCGGC ACAGGTGGCC TGGGCCTGAC  3480
GGTGGAGGGC CCCTGTGAGG CGCAGCTCGA GTGCTTGGAC AATGGGGATG GCACATGTTC  3540
CGTGTCCTAC GTGCCCACCG AGCCCGGGGA CTACAACATC AACATCCTCT TCGCTGACAC  3600
CCACATCCCT GGCTCCCCAT TCAAGGCCCA CGTGGTTCCC TGCTTTGACG CATCCAAAGT  3660
CAAGTGCTCA GGCCCCGGGC TGGAGCGGGC CACCGCTGGG GAGGTGGGCC AATTCCAAGT  3720
GGACTGCTCG AGCGCGGGCA GCGCGGAGCT GACCATTGAG ATCTGCTCGG AGGCGGGGCT  3780
TCCGGCCGAG GTGTACATCC AGGACCACGG TGATGGCACG CACACCATTA CCTACATTCC  3840
CCTCTGCCCC GGGGCCTACA CCGTCACCAT CAAGTACGGC GGCCAGCCCG TGCCCAACTT  3900
CCCCAGCAAG CTGCAGGTGG AACCTGCGGT GGACACTTCC GGTGTCCAGT GCTATGGGCC  3960
TGGTATTGAG GGCCAGGGTG TCTTCCGTGA GGCCACCACT GAGTTCAGTG TGGACGCCCG  4020
GGCTCTGACA CAGACCGGAG GGCCGCACGT CAAGGCCCGT GTGGCCAACC CCTCAGGCAA  4080
CCTGACGGAG ACCTACGTTC AGGACCGTGG CGATGGCATG TACAAAGTGG AGTACACGCC  4140
TTACGAGGAG GGACTGCACT CCGTGGACGT GACCTATGAC GGCAGTCCCG TGCCCAGCAG  4200
CCCCTTCCAG GTGCCCGTGA CCGAGGGCTG CGACCCCTCC CGGGTGCGTG TCCACGGGCC  4260
AGGCATCCAA AGTGGCACCA CCAACAAGCC CAACAAGTTC ACTGTGGAGA CCAGGGGAGC  4320
TGGCACGGGC GGCCTGGGCC TGGCTGTAGA GGGCCCCTCC GAGGCCAAGA TGTCCTGCAT  4380
GGATAACAAG GACGGCAGCT GCTCGGTCGA GTACATCCCT TATGAGGCTG GCACCTACAG  4440
CCTCAACGTC ACCTATGGTG GCCATCAAGT GCCAGGCAGT CCTTTCAAGG TCCCTGTGCA  4500
TGATGTGACA GATGCGTCCA AGGTCAAGTG CTCTGGGCCC GGCCTGAGCC CAGGCATGGT  4560
TCGTGCCAAC CTCCCTCAGT CCTTCCAGGT GGACACAAGC AAGGCTGGTG TGGCCCCATT  4620
GCAGGTCAAA GTGCAAGGGC CCAAAGGCCT GGTGGAGCCA GTGGACGTGG TAGACAACGC  4680
TGATGGCACC CAGACCGTCA ATTATGTGCC CAGCCGAGAA GGGCCCTACA GCATCTCAGT  4740
ACTGTATGGA GATGAAGAGG TACCCCGGAG CCCCTTCAAG GTCAAGGTGC TGCCTACTCA  4800
TGATGCCAGC AAGGTGAAGG CCAGTGGCCC CGGGCTCAAC ACCACTGGCG TGCCTGCCAG  4860
CCTGCCCGTG GAGTTCACCA TCGATGCAAA GGACGCCGGG GAGGGCCTGC TGGCTGTCCA  4920
GATCACGGAT CCCGAAGGCA AGCCGAAGAA GACACACATC CAAGACAACC ATGACGGCAC  4980
GTATACAGTG GCCTACGTGC CAGACGTGAC AGGTCGCTAC ACCATCCTCA TCAAGTACGG  5040
TGGTGACGAG ATCCCCTTCT CCCCGTACCG CGTGCGTGCC GTGCCCACCG GGGACGCCAG  5100
CAAGTGCACT GTCACAGTGT CAATCGGAGG TCACGGGCTA GGTGCTGGCA TCGGCCCCAC  5160
CATTCAGATT GGGGAGGAGA CGGTGATCAC TGTGGACACT AAGGCGGCAG GCAAAGGCAA  5220
AGTGACGTGC ACCGTGTGCA CGCCTGATGG CTCAGAGGTG GATGTGGACG TGGTGGAGAA  5280
TGAGGACGGC ACTTTCGACA TCTTCTACAC GGCCCCCCAG CCGGGCAAAT ACGTCTGGCTGG  5340
TGTGCGCTTT GGTGGCGAGC ACGTGCCCAA CAGCCCCTTC CAAGTGACGG CTCTGGCTGG  5400
GGACCAGCCC TCGGTGCAGC CCCCTCTACG GTCTCAGCAG CTGGCCCCAC AGTACACCTA  5460
CGCCCAGGGC GGCCAGCAGA CTTGGGCCCC GGAGAGGCCC CTGGTGGGTG TCAATGGGCT  5520
GGATGTGACC AGCCTGAGGC CCTTTGACCT TGTCATCCCC TTCACCATCA AGAAGGGCGA  5580
GATCACAGGG GAGGTTCGGA TGCCCTCAGG CAAGGTGGCG CAGCCCACCA TCACTGACAA  5640
CAAAGACGGC ACCGTGACCG TGCGGTATGC ACCCAGCGAG GCTGGCCTGC ACGAGATGGA  5700
CATCCGCTAT GACAACATGC ACATCCCAGG AAGCCCCTTG CAGTTCTATG TGGATTACGT  5760
CAACTGTGGC CATGTCACTG CCTATGGGCC TGGCCTCACC CATGGAGTAG TGAACAAGCC  5820
TGCCACCTTC ACCGTCAACA CCAAGGATGC AGGAGAGGGG GGCCTGTCTC TGGCCATTGA  5880
GGGCCCGTCC AAAGCAGAAA TCAGCTGCAC TGACAACCAG GATGGGACAT GCAGCGTGTC  5940
CTACCTGCCT GTGCTGCCGG GGGACTACAG CATTCTAGTC AAGTACAATG AACAGCACGT  6000
CCCAGGCAGC CCCTTCACTG CTCGGGTCAC AGGTGACGAC TCCATGCGTA TGTCCCACCT  6060
```

6C

```
AAAGGTCGGC TCTGCTGCCG ACATCCCCAT CAACATCTCA GAGACGGATC TCAGCCTGCT  6120
GACGGCCACT GTGGTCCCGC CCTCGGGCCG GGAGGAGCCC TGTTTGCTGA AGCGGCTGCG  6180
TAATGGCCAC GTGGGGATTT CATTCGTGCC CAAGGAGACG GGGGAGCACC TGGTGCATGT  6240
GAAGAAAAAT GGCCAGCACG TGGCCAGCAG CCCCATCCCG GTGGTGATCA GCCAGTCGGA  6300
AATTGGGGAT GCCAGTCGTG TTCGGGTCTC TGGTCAGGGC CTTCACGAAG GCCACACCTT  6360
TGAGCCTGCA GAGTTTATCA TTGATACCCG CGATGCAGGC TATGGTGGGC TCAGCCTGTC  6420
CATTGAGGGC CCCAGCAAGG TGGACATCAA CACAGAGGAC CTGGAGGACG GGACGTGCAG  6480
GGTCACCTAC TGCCCCACAG AGCCAGGCAA CTACATCATC AACATCAAGT TTGCCGACCA  6540
GCACGTGCCT GGCAGCCCCT TCTCTGTGAA GGTGACAGGC GAGGGCCGGG TGAAAGAGAG  6600
CATCACCCGC AGGCGTCGGG CTCCTTCAGT GGCCAACGTT GGTAGTCATT GTGACCTCAG  6660
CCTGAAAATC CCTGAAATTA GCATCCAGGA TATGACAGCC CAGGTGACCA GCCCATCGGG  6720
CAAGACCCAT GAGGCCGAGA TCGTGGAAGG GGAGAACCAC ACCTACTGCA TCCGCTTTGT  6780
TCCCGCTGAG ATGGGCACAC ACACAGTCAG CGTCAAGTAC AAGGGCCAGC ACGTGCCTGG  6840
GAGCCCCTTC CAGTTCACCG TGGGGCCCCT AGGGGAAGGG GGAGCCCACA AGGTCCGAGC  6900
TGGGGGCCCT GGCCTGGAGA GAGCTGAAGC TGGAGTGCCA GCCGAATTCA GTATCTGGAC  6960
CCGGGAAGCT GGTGCTGGAG GCCTGGCCAT TGCTGTCGAG GGCCCCAGCA AGGCTGAGAT  7020
CTCTTTTGAG GACCGCAAGG ACGGCTCCTG TGGTGTGGCT TATGTGGTCC AGGAGCCAGG  7080
TGACTACGAA GTCTCAGTCA AGTTCAACGA GGAACACATT CCCGACAGCC CCTTCGTGGT  7140
GCCTGTGGCT TCTCCGTCTG GCGACGCCCG CCGCCTCACT GTTTCTAGCC TTCAGGAGTC  7200
AGGGCTAAAG GTCAACCAGC CAGCCTCTTT TGCAGTCAGC CTGAACGGGG CCAAGGGGGC  7260
GATCGATGCC AAGGTGCACA GCCCCTCAGG AGCCCTGGAG GAGTGCTATG TCACAGAAAT  7320
TGACCAAGAT AAGTATGCTG TGCGCTTCAT CCCTCGGGAG AATGGCGTTT ACCTGATTGA  7380
CGTCAAGTTC AACGGTACCC ACATCCCTGG AAGCCCCTTC AAGATCCGAG TTGGGGAGCC  7440
TGGGCATGGA GGGGACCCAG GCTTGGTGTC TGCTTACGGA GCAGGTCTGG AAGGCGGTGT  7500
CACAGGGAAC CCAGCTGAGT TCGTCGTGAA CACGAGCAAT GCGGGAGCTG GTGCCCTGTC  7560
GGTGACCATT GACGGCCCCT CCAAGGTGAA GATGGATTGC CAGGAGTGCC CTGAGGGCTA  7620
CCGCGTCACC TATACCCCCA TGGCACCTGG CAGCTACCTC ATCTCCATCA AGTACGGCGG  7680
CCCCTACCAC ATTGGGGGCA GCCCCTTCAA GGCCAAAGTC ACAGGCCCCC GTCTCGTCAG  7740
CAACCACAGC CTCCACGAGA CATCATCAGT GTTTGTAGAC TCTCTGACCA AGGCCACCTG  7800
TGCCCCCCAG CATGGGGCCC CGGGTCCTGG GCCTGCTGAC GCCAGCAAGG TGGTGGCCAA  7860
GGGCCTGGGG CTGAGCAAGG CCTACGTAGG CCAGAAGAGC AGCTTCACAG TAGACTGCAG  7920
CAAAGCAGGC AACAACATGC TGCTGGTGGG GGTTCATGGC CCAAGGACCC CCTGCGAGGA  7980
GATCCTGGTG AAGCACGTGG GCAGCCGGCT CTACAGCGTG TCCTACCTGC TCAAGGACAA  8040
GGGGGAGTAC ACACTGGTGG TCAAATGGGG GCACGAGCAC ATCCCAGGCA GCCCCTACCG  8100
CGTTGTGGTG CCCTGAGTCT GGGGCCCGTG CCAGCCGGCA GCCCCCAAGC CTGCCCCGCT  8160
ACCCAAGCAG CCCCGCCCTC TTCCCCTCAA CCCCGGCCCA GGCCGCCCTG GCCGCCCGCC  8220
TGTCACTGCA GCTGCCCCTG CCCTGTGCCG TGCTGCGCTC ACCTGCCTCC CCAGCCAGCC  8280
GCTGACCTCT CGGCTTTCAC TTGGGCAGAG GGAGCCATTT GGTGGCGCTG CTTGTCTTCT  8340
TTGGTTCTGG GAGGGGTGAG GGATGGGG                                     8368
Name: 276                 Len:  4803  Check:      FF4
GCGGCTGCCT AGTTGACGCA CCCATTGAGT CGCTGGCTTC TTTGCAGCGC TTCAGCGTTT    60
TCCCCTGGAG GGCGCCTCCA TCCTTGGAGG CCTAGTGCCG TCGGAGAAGA GAGCGGGAGC   120
CGCGGACAGA GACGCGTGCG CAATTCGGAG CCGACTCTGG GTGCGGACTG TGGGAGCTGA   180
CTCTGGGTAG CCGGCTGCGC GTGGCTGGGG AGGCGAGGCC GGACGCACCT CTGTTTGGGG   240
GTCCTCAGAG ATTAATGATT CATCAAGGGA TAGTTGTACT GTTCTCGTGG GAATCACTTC   300
ATCATGCGAA ATCTGAAATT ATTTCGGACC CTGGAGTTCA GGGATATTCA AGGTCCAGGG   360
AATCCTCAGT GCTTCTCTCT CCGAACTGAA CAGGGGACGG TGCTCATTGG TTCAGAACAT   420
GGCCTGATAG AAGTAGACCC TGTCTCAAGA GAAGTGAAAA ATGAAGTTTC TTTGGTGGCA   480
GAAGGCTTTC TTCCAGAGGA TGGAAGTGGC CGCATTGTTG GTGTTCAGGA CTTGCTGGAT   540
CAGGAGTCTG TGTGTGTGGC CACAGCCTCT GGAGACGTCA TACTCTGCAG TCTCAGCACA   600
CAACAGCTGG AGTGTGTTGG GAGTGTAGCC AGTGGTATCT CTGTTATGAG TTGGAGTCCT   660
GACCAAGAGC TGGTGCTTCT TGCCACAGGT CAACAGACCC TGATTATGAT GACAAAAGAT   720
TTTGAGCCAA TCCTGGAGCA GCAGATCCAT CAGGATGATT TTGGTGAAAG CAAGTTTATC   780
ACTGTTGGAT GGGGTAGGAA GGAGACACAG TTCCATGGAT CAGAAGGCAG ACAAGCAGCT   840
TTTCAGATGC AAATGCATGA GTCTGCTTTG CCCTGGGATG ACCATAGACC ACAAGTTACC   900
TGGCGGGGGG ATGGACAGTT TTTTGCTGTG AGTGTTGTTT GCCCAGAAAC AGGGGCTCGG   960
AAGGTCAGAG TGTGGAACCG AGAGTTTGCT TTGCAGTCAA CCAGTGAGCC TGTGGCAGGA  1020
CTGGGACCAG CCCTGGCTTG GAAACCCTCA GGCAGTTTGA TTGCATCTAC ACAAGATAAA  1080
CCCAACCAGC AGGATATTGT GTTTTTTGAG AAAAATGGAC TCCTTCATGG ACACTTTACA  1140
CTTCCCTTCC TTAAAGATGA GGTTAAGGTA AATGACTTGC TCTGGAATGC AGATTCCTCT  1200
GTGCTTGCAG TCCGGCTGGA AGACCTTCAG AGAGAAAAAA GCTCCATTCC GAAAACCTGT  1260
GTTCAGCTCT GGACTGTTGG AAACTATCAC TGGTATCTCA AGCAAAGTTT ATCCTTCAGC  1320
ACCTGTGGGA AGAGCAAGAT TGTGTCTCTG ATGTGGGACC CTGTGACCCC ATACCGGCTG  1380
```

61

```
CATGTTCTCT GTCAGGGCTG GCATTACCTC GCCTATGATT GGCACTGGAC GACTGACCGG  1440
AGCGTGGGAG ATAATTCAAG TGACTTGTCC AATGTGGCTG TCATTGATGG AAACAGGGTG  1500
TTGGTGACAG TCTTCCGGCA GACTGTGGTT CCGCCTCCCA TGTGCACCTA CCAACTGCTG  1560
TTCCCACACC CTGTGAATCA AGTCACATTC TTAGCACACC CTCAAAAGAG TAATGACCTT  1620
GCTGTTCTAG ATGCCAGTAA CCAGATTTCT GTTTATAAAT GTGGTGATTG TCCAAGTGCT  1680
GACCCTACAG TGAAACTGGG AGCTGTGGGT GGAAGTGGAT TTAAAGTTTG CCTTAGAACT  1740
CCTCATTTGG AAAAGAGATA CAAAATCCAG TTTGAGAATA ATGAAGATCA AGATGTAAAC  1800
CCGCTGAAAC TAGGCCTTCT CACTTGGATT GAAGAAGACG TCTTCCTGGC TGTAAGCCAC  1860
AGTGAGTTCA GCCCCCGGTC TGTCATTCAC CATTTGACTG CAGCTTCTTC TGAGATGGAT  1920
GAAGAGCATG GACAGCTCAA TGTCAGTTCA TCTGCAGCGG TGGATGGGGT CATAATCAGT  1980
CTATGTTGCA ATTCCAAGAC CAAGTCAGTA GTATTACAGC TGGCTGATGG CCAGATATTT  2040
AAGTACCTTT GGGAGTCACC TTCTCTGGCT ATTAAACCAT GGAAGAACTC TGGTGGATTT  2100
CCTGTTCGGT TTCCTTATCC ATGCACCCAG ACCGAATTGG CCATGATTGG AGAAGAGGAA  2160
TGTGTCCTTG GTCTGACTGA CAGGTGTCGC TTTTTCATCA ATGACATTGA GGTTGCGTCA  2220
AATATCACGT CATTTGCAGT ATATGATGAG TTTTTATTGT TGACAACCCA TTCCCATACC  2280
TGCCAGTGTT TTTGCCTGAG GGATGCTTCA TTTAAAACAT TACAGGCCGG CCTGAGCAGC  2340
AATCATGTGT CCCATGGGGA AGTTCTGCGG AAAGTGGAGA GGGGTTCACG GATTGTCACT  2400
GTTGTGCCCC AGGACACAAA GCTTGTATTA CAGATGCCAA GGGGAAACTT AGAAGTTGTT  2460
CATCATCGAG CCCTGGTTTT AGCTCAGATT CGGAAGTGGT TGGACAAACT TATGTTTAAA  2520
GAGGCATTTG AATGCATGAG AAAGCTGAGA ATCAATCTCA ATCCGATTTA TGATCATAAC  2580
CCTAAGGTGT TTCTTGGAAA TGTGGAAACC TTCATTAAAC AGATAGATTC TGTGAATCAT  2640
ATTAACTTGT TTTTTACAGA ATTGAAAGAA GAAGATGTCA CGAAGACCAT GTACCCTGCA  2700
CCAGTTACCA GCAGTGTCTA CCTGTCCAGG GATCCTGACG GGAATAAAAT AGACCTTGTC  2760
TGCGATGCTA TGAGAGCAGT CATGGAGAGC ATAAATCCTC ATAAATACTG CCTATCCATA  2820
CTTACATCTC ATGTAAAGAA GACAACCCCA GAACTGGAAA TTGTACTGCA AAAAGTACAC  2880
GAGCTTCAAG GAAATGCTCC CTCTGATCCT GATGCTGTGA GTGCTGAAGA GGCCTTGAAA  2940
TATTTGCTGC ATCTGGTAGA TGTTAATGAA TTATATGATC ATTCTCTTGG CACCTATGAC  3000
TTTGATTTGG TCCTCATGGT AGCTGAGAAG TCACAGAAGG ATCCCAAAGA ATATCTTCCA  3060
TTTCTTAATA CACTTAAGAA AATGGAAACT AATTATCAGC GGTTTACTAT AGACAAATAC  3120
TTGAAACGAT ATGAAAAAGC CATTGGCCAC CTCAGCAAAT GTGGACCTGA GTACTTCCCA  3180
GAATGCTTAA ACTTGATAAA AGATAAAAAC TTGTATAACG AAGCTCTGAA GTTATATTCA  3240
CCAAGCTCAC AACAGTACCA GGATATCAGC ATTGCTTATG GGGAGCACCT GATGCAGGAG  3300
CACATGTATG AGCCAGCGGG GCTCATGTTT GCCCGTTGCG GTGCCCACGA GAAAGCTCTC  3360
TCAGCCTTTC TCACATGTGG CAACTGGAAG CAAGCCCTCT GTGTGGCAGC CCAGCTTAAC  3420
TTTACCAAAG ACCAGCTGGT GGGCCTCGGC AGAACTCTGG CAGGAAAGCT GGTTGAGCAG  3480
AGGAAGCACA TTGATGCGGC CATGGTTTTG GAAGAGTGTG CCCAGGATTA TGAAGAAGCT  3540
GTGCTCTTGC TGTTAGAAGG AGCTGCCTGG GAAGAAGCTT TGAGGCTGGT ATACAAATAT  3600
AACAGACTGG ATATTATAGA AACCAACGTA AAGCCTTCCA TTTTAGAAGC CCAGAAAAAT  3660
TATATGGCAT TTCTGGACTC TCAGACAGCC ACATTCAGTC GCCACAAGAA ACGTTTATTG  3720
GTAGTTCGAG AGCTCAAGGA GCAAGCCCAG CAGGCAGGTC TGGATGATGA GGTACCCCAC  3780
GGGCAAGAGT CAGACCTCTT CTCTGAAACT AGCAGTGTCG TGAGTGGCAG TGAGATGAGT  3840
GGCAAATACT CCCATAGTAA CTCCAGGATA TCAGCGAGAT CATCCAAGAA TCGCCGAAAA  3900
GCGGAGCGGA AGAAGCACAG CCTCAAAGAA GGCAGTCCGC TGGAGGACCT GGCCCTCCTG  3960
GAGGCACTGA GTGAAGTGGT GCAGAACACT GAAAACCTGA AAGATGAAGT ATACCATATT  4020
TTAAAGGTAC TCTTTCTCTT TGAGTTTGAT GAACAAGGAA GGGAATTACA GAAGGCCTTT  4080
GAAGATACGC TGCAGTTGAT GGAAAGGTCA CTTCCAGAAA TTTGGACTCT TACTTACCAG  4140
CAGAATTCAG CTACCCCGGT TCTAGGTCCC AATTCTACTG CAAATAGTAT CATGGCATCT  4200
TATCAGCAAC AGAAGACTTC GGTTCCTGTT CTTGATGCTG AGCTTTTTAT ACCACCAAAG  4260
ATCAACAGAA GAACCCAGTG GAAGCTGAGC CTGCTAGACT GAGTGACTGC AGTTAGGAGG  4320
GATCCGACAG AGAAGACCAT TTCCACTCAT TCCTGTTGTC CTACCACCCC TTGCTCTTTG  4380
AGGGCTGGCT ATTGAGAACT GGAAAGAGTA AAATGATAAC TTACCTTAGC ATTGCCAAGA  4440
ACTTCAGCAG ACAACAAGCA ATTCTATTTA TTTTATGTTG TGTATACATC TTGATCATTA  4500
GCAAGACATT AAGCTTTAAC CATTATGGCA CCATTTTGTG AGAATGATTG TTCTTTCACT  4560
TGGGCTGTTT GAGAGCATAA TTATGGTAAT CATGAGATTA ATGTTTCATG ATTTCTACCT  4620
CCAAAGTGTG AAGACAAGTA AAACAATGTT TCTAAATTGT CTTATTTTGT TGGCGGAGAA  4680
GATTACAATG GCTATTAGTG CTACATTTGG TCAAATGTAA TCACTTAAAT AGCTTCTTGT  4740
CACCTTAAAC TAAAGCAGAA TAAAAAGTAT CCTTTGAAAT TAAAAAAAAC AAAAAAGCTA  4800
AAA                                                               4803
```

Name: 277 Len: 3548 Check: 1972

```
TGGCCGAAGC AGGGGGACAG CAAGGGACGC TCAGGCGGGG ACCATGGCGG ACGGCGGCTC    60
GGAGCGGGCT GACGGGCGCA TCGTCAAGAT GGAGGTGGAC TACAGCGCCA CGGTGGATCA   120
GCGCCTACCC GAGTGTGCGA AGCTAGCCAA GGAAGGAAGA CTTCAAGAAG TCATTGAAAC   180
CCTTCTCTCT CTGGAAAAGC AGACTCGTAC TGCTTCCGAT ATGGTATCGA CATCCCGTAT   240
```

62

```
CTTAGTTGCA GTAGTGAAGA TGTGCTATGA GGCTAAAGAA TGGGATTTAC TTAATGAAAA   300
TATTATGCTT TTGTCCAAAA GGCGGAGTCA GTTAAAACAA GCTGTTGCCA AAATGGTTCA   360
ACAGTGCTGT ACTTATGTTG AGGAAATCAC AGACCTTCCT ATCAAACTTC GATTAATTGA   420
TACTCTACGA ATGGTTACCG AAGGCAAGAT TTATGTTGAA ATTGAGCGTG CGCGACTGAC   480
TAAAACATTA GCAACTATAA AAGAACAAAA TGGTGATGTG AAAGAGGCAG CCTCCATTTT   540
ACAGGAGTTA CAGGTGGAAA CCTACGGGTC AATGGAAAAG AAAGAGCGAG TGGAATTTAT   600
TTTGGAGCAA ATGAGGCTCT GCCTAGCTGT GAAGGATTAC ATTCGAACAC AAATCATCAG   660
CAAGAAAATT AACACCAAAT TTTTCCAGGA AGAAAATACA GAGAAATTAA AGTTGAAGTA   720
CTATAATTTA ATGATTCAGC TGGATCAACA TGAGGGATCC TATTTGTCTA TTTGTAAGCA   780
CTACAGAGCA ATATATGATA CTCCCTGTAT ACAGGCAGAA AGTGAAAAAT GGCAGCAGGC   840
TCTGAAGAGT GTTGTACTCT ATGTTATCCT GGCTCCTTTT GACAATGAAC AGTCAGATTT   900
GGTTCACCGA ATAAGTGGTG ACAAGAAGTT AGAAGAAATT CCCAAATACA AGGATCTTTT   960
AAAGCTTTTT ACCACAATGG AGTTGATGCG TTGGTCCACA CTTGTTGAGG ACTATGGAAT  1020
GGAATTAAGA AAAGGTTCCC TTGAGAGTCC TGCAACGGAT GTTTTTGGTT CTACAGAGGA  1080
AGGTGAAAAA AGGTGGAAAG ACTTGAAGAA CAGAGTTGTT GAACATAATA TTAGAATAAT  1140
GGCCAAGTAT TATACTCGGA TAACAATGAA AAGGATGGCA CAGCTTCTGG ATCTATCTGT  1200
TGATGAGTCC GAAGCCTTTC TCTCAAATCT AGTAGTTAAC AAGACCATCT TTGCTAAAGT  1260
AGACAGATTA GCAGGAATTA TCAACTTCCA GAGACCCAAG GATCCAAATA ATTTATTAAA  1320
TGACTGGTCT CAGAAACTGA ACTCATTAAT GTCTCTGGTT AACAAAACTA CGCATCTCAT  1380
AGCCAAAGAG GAGATGATAC ATAATCTACA ATAAGGGTCT TAGTGCTTTA GAAAAAAGTT  1440
AAAATTGGAA GTCATTAAAA AAAGACTGTT ATAATGGTGT ATATGTTGGG GTTTTTTTTC  1500
TAAGCTTCTT TGTCTTAAAT TTTAAAATAG TGAATATGTT TGAGACTCCC TTTGACCTTT  1560
CAGTTCCCCA AGTTCATTGT TAACTTTGCA TTTGCAATTG GTGCAAAAAT ACAGATTTCT  1620
GTCGTCTGAA TACACAAAAA GTTGTGTCAT AACTTACCCA GATATGTTTT TCTATCATTT  1680
GAAACCTTTT TAGCTACTGT TTGTTTTCAT TCAACTAACA AACATATTCC AATAATAAAA  1740
GCAGTATATA CATATTTCCT TTCTACAGTT ACCTCTGATT CTCAACATTT TGTGGGGTAG  1800
TGATTTGGCA AGTGTTTTTT AAATAAAACA AATCTCATTG TAAAGTTATC AGTCATTTAG  1860
TAGAATAGAA AAGCAACATA GAGCATACAA GAACATTTGG GATAGAGTTG TGATTTGTGA  1920
AGAATTTGTA CTTTGATATT GTGGCGGAAA GTCTAGACTG AGTGTGTATG CTGGTAAACT  1980
GTAGACTTTT TTTTTTTTTT TTGAGTCCGG CTGGTTCCAA TCACAGTAGC TTGATTGCTT  2040
TCAGCCCTCA TCCTCTCACT TGATCAGTTG TTCAACAGAA TCAGCTGACA TAATTGACAC  2100
AGTTTATTGG GTGTTAAGTC CGCTCTATAG GGATAGTGAC TACTTTTTTT TTTTTTTTTT  2160
TTTTTGCTCT TCTTCCTCTC CCCTTTCTTT ATATGGGTTT AAATTTAACA TAAAGTTGTT  2220
TTTATAAGGC TTATTTGTGG CTTTAACTTG TAAGTCTGAT TACATCATTA TTGTTCCAAA  2280
TTCATTATCT CTGTAGGAAC TTTTAGTTCC ATTATATGAA CACTGGATAA CCTAATTTTT  2340
TTTAATGCTT TAAAAAAATG GCAAAAAGAC GTCAGGCCAC CCTCATAGTA AGTGGTGTAG  2400
TATTAAAATA TTTTCACGGA ATTAAAAGTA GCTTGCTGTC AAAGAAACAC CTGAGATGAA  2460
TTGGTGTGAA CGAATTTTGC AAGTTTAATT TGATTTATTT CAGAGAAAAT AGAAAAAACA  2520
ATGTTAGAAG GTTATTTAAA ATGATACTTA AATAAAGAAA GTGTGAGGTC TACTTTAAAA  2580
AAATTCAAAT GAAGAGAAAA AGAAAAACAG CATTCTAGAA ATGGCATTTC TCCTAATTAA  2640
TTTTCCACTT AATGGAAGAT TATCAATTGT CCTATTTTAT GATCCCAGGA CTGAAGACAG  2700
TTGTGGGATA TCTGTCATAT TTATCCTGTG AGTCATTGTG AATAATGACA TACAGTACTG  2760
AAGTAATCTG ATTTTATTCT TTGGAAATTC AATGCATTGG TCACACTAAT AACATCAACA  2820
TCTGCTATCA CTTATCTTTT TAAAACTAAC CAAAAAAGGC TGGGATTACA GGCATGAGCC  2880
ACTGCACCCA ACTCCTCTTT CGTCTTTCTT TAACACACAC TAGGCTCTTT GTGTATTATG  2940
ATTCAGTGCT ATTTGTAACT GTGTCCCAGT GACCAAATTG CACTCGACTC GATCAGCTGT  3000
TCATCCATTT CGTGTTTTTT CCTGTCAAAC ATTAATCCAG CAAATATATG AGGTATTTAC  3060
CAATTTATTT TCTTAGTATT ACAAAATAAT TCATTAGCAT AAAGTACAAT AGTGAAATAT  3120
TTGAGTTGTT CGGAACCTCA ATTAATCCTG TTTTACATTT CAGACCTAAA GCTGGCAATC  3180
AGGAGAAGAA GCACTTTGTT TTAAATGTGG AGAAGATAAC ACTTGATTCC ATTTCATTGT  3240
CATTAGTGTA TTAACCAGCA GGAGAGGTGA TGAGCCATTT TTCAAATGAA ATACCTTTTA  3300
TTTCCATATA ATTTTTTTAT TTTAGAGTTC AATAGCTGTT TCTATGATTA TCCTCAATTT  3360
CCATATGTTA CTGAATCTGA AAAACATCTT TAAAATTCAA ACAGTTCCAT TTTCTCTCTT  3420
GTAAGTGTTA AATGTGATAA AAGTACATAT TTTAAATTGT TTTCAGCTCT TGGATATAGC  3480
AGCAATAAAA ACACTAATTT GTGGGTATTT AAGAAAACCT GGAGAATAAA CTCATACTTT  3540
AAAAGATC                                                           3548

Name: 278                Len:  4022  Check:     2A0
GTACGTGCGC GTCTCCCTGC CGCCGCCGCC GCCCGCCGCG GGCCGCCCCG GGGCCGCCGT    60
CGCCGACGAC GCGCGGGAGG AGGAGGAGGA GGCCGCCCCG CCGCCGCCGC CGCCGCCGCC   120
GCCCCGGCTC GCCGCCGCCC GCCCGCCGGG CTCGCAGCCC CGGCCCCCGG CCGCAGGCGA   180
GGCCCAGGCC GCGGCCGACA TGAACCACCA GCAGCAGCAG CAGCAGCAGA AGCGGGCGA    240
GCAGCAGTTG AGCGAGCCCG AGGACATGGA GATGGAAGCG GGAGATACAG ATGACCCACC   300
AAGAATTACT CAGAACCCTG TGATCAATGG GAATGTGGCC CTGAGTGATG GACACAACAC   360
```

63

```
CGCGGAGGAG GACATGGAGG ATGACACCAG TTGGCGCTCC GAGGCAACCT TTCAGTTCAC   420
TGTGGAGCGC TTCAGCAGAC TGAGTGAGTC GGTCCTTAGC CCTCCGTGTT TTGTGCGAAA   480
TCTGCCATGG AAGATTATGG TGATGCCACG CTTTTATCCA GACAGACCAC ACCAAAAAAG   540
CGTAGGATTC TTTCTCCAGT GCAATGCTGA ATCTGATTCC ACGTCATGGT CTTGCCATGC   600
ACAAGCAGTG CTGAAGATAA TAAATTACAG AGATGATGAA AAGTCGTTCA GTCGTCGTAT   660
TAGTCATTTG TTCTTCCATA AAGAAAATGA TTGGGGATTT TCCAATTTTA TGGCCTGGAG   720
TGAAGTGACC GATCCTGAGA AAGGATTTAT AGATGATGAC AAAGTTACCT TTGAAGTCTT   780
TGTACAGGCG GATGCTCCCC ATGGAGTTGC GTGGGATTCA AAGAAGCACA CAGGCTACGT   840
CGGCTTAAAG AATCAGGGAG CGACTTGTTA CATGAACAGC CTGCTACAGA CGTTATTTTT   900
CACGAATCAG CTACGAAAGG CTGTGTACAT GATGCCAACC GAGGGGGATG ATTCGTCTAA   960
AAGCGTCCCT TTAGCATTAC AAAGAGTGTT CTATGAATTA CAGCATAGTG ATAAACCTGT  1020
AGGAACAAAA AAGTTAACAA AGTCATTTGG GTGGGAAACT TTAGATAGCT TCATGCAACA  1080
TGATGTTCAG GAGCTTTGTC GAGTGTTGCT CGATAATGTG GAAAATAAGA TGAAAGGCAC  1140
CTGTGTAGAG GGCACCATAC CCAAATTATT CCGCGGCAAA ATGGTGTCCT ATATCCAGTG  1200
TAAAGAAGTA GACTATCGGT CTGATAGAAG AGAAGATTAT TATGATATCC AGCTAAGTAT  1260
CAAAGGAAAG AAAAATATAT TTGAATCATT TGTGGATTAT GTGGCAGTAG AACAGCTCGA  1320
TGGGGACAAT AAATACGACG CTGGGGAACA TGGCTTACAG GAAGCAGAGA AAGGTGTGAA  1380
ATTCCTAACA TTGCCACCAG TGTTACATCT ACAACTGATG AGATTTATGT ATGACCCTCA  1440
GACGGACCAA AATATCAAGA TCAATGATAG GTTTGAATTC CCAGAGCAGT TACCACTTGA  1500
TGAATTTTTG CAAAAAACAG ATCCTAAGGA CCCTGCAAAT TATATTCTTC ATGCAGTCCT  1560
GGTTCATAGT GGAGATAATC ATGGTGGACA TTATGTGGTT TATCTAAACC CCAAAGGGGA  1620
TGGCAAATGG TGTAAATTTG ATGACGACGT GGTGTCAAGG TGTACTAAAG AGGAAGCAAT  1680
TGAGCACAAT TATGGGGGTC ACGATGACGA CCTGTCTGTT CGACACTGCA CTAATGCTTA  1740
CATGTTAGTC TACATCAGGG AATCAAAACT GAGTGAAGTT TTACAGGCGG TCACCGACCA  1800
TGATATTCCT CAGCAGTTGG TGGAGCGATT ACAAGAAGAG AAAAGGATCG AGGCTCAGAA  1860
GCGGAAGGAG CGGCAGGAAG CCCATCTCTA TATGCAAGTG CAGATAGTCG CAGAGGACCA  1920
GTTTTGTGGC CACCAAGGGA ATGACATGTA CGATGAAGAA AAAGTGAAAT ACACTGTGTT  1980
CAAAGTATTG AAGAACTCCT CGCTTGCTGA GTTTGTTCAG AGCCTCTCTC AGACCATGGG  2040
ATTTCCACAA GATCAAATTC GATTGTGGCC CATGCAAGCA AGGAGTAATG GAACAAAACG  2100
ACCAGCAATG TTAGATAATG AAGCCGACGG CAATAAAACA ATGATTGAGC TCAGTGATAA  2160
TGAAAACCCT TGGACAATAT TCCTGGAAAC AGTTGATCCC GAGCTGGCTG CTAGTGGAGC  2220
GACCTTACCC AAGTTTGATA AAGATCATGA TGTAATGTTA TTTTTGAAGA TGTATGATCC  2280
CAAAACGCGG AGCTTGAATT ACTGTGGGCA TATCTACACA CCAATATCCT GTAAAATACG  2340
TGACTTGCTC CCAGTTATGT GTGACAGAGC AGGATTTATT CAAGATACTA GCCTTATCCT  2400
CTATGAGGAA GTTAAACCGA ATTTAACAGA GAGAATTCAG GACTATGACG TGTCTCTTGA  2460
TAAAGCCCTT GATGAACTAA TGGATGGTGA CATCATAGTA TTTCAGAAGG ATGACCCTGA  2520
AAATGATAAC AGTGAATTAC CCACCGCAAA GGAGTATTTC CGAGATCTCT ACCACCGCGT  2580
TGATGTCATT TTCTGTGATA AAACAATCCC TAATGATCCT GGATTTGTGG TTACGTTATC  2640
AAATAGAATG AATTATTTTC AGGTTGCAAA GACAGTTGCA CAGAGGCTCA ACACAGATCC  2700
AATGTTGCTG CAGTTTTTCA AGTCTCAAGG TTATAGGGAT GGCCCAGGTA ATCCTCTTAG  2760
ACATAATTAT GAAGGTACTT TAAGAGATCT TCTACAGTTC TTCAAGCCTA GACAACCTAA  2820
GAAACTTTAC TATCAGCAGC TTAAGATGAA AATCACAGAC TTTGAGAACA GGCGAAGTTT  2880
TAAATGTATA TGGTTAAACA GCCAATTTAG GGAAGAGGAA ATAACACTAT ATCCAGACAA  2940
GCATGGGTGT GTCCGGGACC TGTTAGAAGA ATGTAAAAAG GCCGTGGAGC TTGGGGAGAA  3000
AGCATCAGGG AAACTTAGGC TGCTAGAAAT TGTAAGCTAC AAAATCATTG GTGTTCATCA  3060
AGAAGATGAA CTATTAGAAT GTTTATCTCC TGCAACGAGC CGGACGTTTC GAATAGAGGA  3120
AATCCCTTTG GACCAGGTGG ACATAGACAA AGAGAATGAG ATGCTTGTCA CAGTGGCGCA  3180
TTTCCACAAA GAGGTCTTCG GAACGTTCGG AATCCCGTTT TTGCTGAGGA TACACCAGGG  3240
CGAGCATTTT CGAGAAGTGA TGAAGCGAAT CCAGAGCCTG CTGGACATCC AGGAGAAGGA  3300
GTTTGAGAAG TTTAAATTTG CAATTGTAAT GACGGGCCGA CACCAGTACA TAAATGAAGA  3360
CGAGTATGAA GTAAATTTGA AAGACTTTGA GCCACAGCCC GGTAATATGT CTCATCCTCG  3420
GCCTTGGCTA GGGCTCGACC ACTTCAACAA AGCCCCAAAG AGGAGTCGCT ACACTTACCT  3480
TGAAAAGGCC ATTAAAATCC ATAACTGATT TCCAAGCTGG TGTGTTCAAG GCGAGGACGG  3540
TGTGTGGGTG GCCCCTTAAC AGCCTAGAAC TTTGGTGCAC GTGCCCTCTA GCCGAAGTCT  3600
TCAGCAAGAG GATTCGCTGC TGGTGTTAAT TTTATTTTAT TGAGGCTGTT CAGTTTGGCT  3660
TCTCTGTATC TATTGACTGC CCTTTTTGAG CAAAATGAAG ATGTTTTTAT AAAGCTTGGA  3720
TGCCAATGAG AGTTATTTTA TGGTAACCAC AGTGCAAGGC AACTGTCAGC GCAATGGGGG  3780
AGAAGAGGTT AGTGGATCGG GGGTCCCTGG CTCAAGGTCT CTGGGCTGTC CCTAGTGGGC  3840
ACGAGTGGCT CGGCTGCCTT CCTGGGGTCC CGTGCACCAG CCCTGCAGCT AGCAAGTCTT  3900
GTGTTTAGGC TCGTCTGACC TATTTCCTTC AGTTATACTT TCAATGACCT TTTGTGCATC  3960
TGTTAAGGCA AAACAGAGAA ACTCACAACC TAATAAATAG CGCTCTTCCC TTCAAAAAAA  4020
AA                                                                  4022
```

Name: 279 Len: 3403 Check: 7C5

64

```
CAGGTCTGAG GCGAAGCTAG GTGAGCCGTG GGAAGAAAAG AGGGAGCAGC TAGGGCGCGG    60
GTCTCCCTCC TCCCGGAGTT TGGAACGGCT GAAGTTCACC TTCCAGCCCC TAGCGCCGTT   120
CGCGCCGCTA GGCCTGGCTT CTGAGGCGGT TGCGGTGCTC GGTCGCCGCC TAAGCGGGGC   180
AGGGTGCGAA CAGGGGCTTC GGGCCACGCT TCTCTTGGCG ACAGGATTTT GCTGTGAAGT   240
CCGTCCGGGA AACGGAGGAA AAAAAGAGTT GCGGGAGGCT GTCTGCTAAT AACGGTTCTT   300
GATACATATT TGCCAGACTT CAAGATTTCA GAAAAGGGGT GAAAGAGAAG ATTGCAACTT   360
TGAGTCAGAC CTGTAGGCCT GATAGACTGA TTAAACCACA GAAGGTGACC TGCTGAGAAA   420
AGTGGTACAA ATACTGGGAA AAACCTGCTC TTCTGCGTTA AGTGGGAGAC AATGTCACAA   480
GTTAAAAGCT CTTATTCCTA TGATGCCCCC TCGGATTTCA TCAATTTTTC ATCCTTGGAT   540
GATGAAGGAG ATACTCAAAA CATAGATTCA TGGTTTGAGG AGAAGGCCAA TTTGGAGAAT   600
AAGTTACTGG GGAAGAATGG AACTGGAGGG CTTTTTCAGG GCAAAACTCC TTTGAGAAAG   660
GCTAATCTTC AGCAAGCTAT TGTCACACCT TTGAAACCAG TTGACAACAC TTACTACAAA   720
GAGGCAGAAA AAGAAAATCT TGTGGAACAA TCCATTCCGT CAAATGCTTG TTCTTCCCTG   780
GAAGTTGAGG CAGCCATATC AAGAAAAACT CCAGCCCAGC CTCAGAGAAG ATCTCTTAGG   840
CTTTCTGCTC AGAAGGATTT GGAACAGAAA GAAAAGCATC ATGTAAAAAT GAAAGCCAAG   900
AGATGTGCCA CTCCTGTAAT CATCGATGAA ATTCTACCCT CTAAGAAAAT GAAAGTTTCT   960
AACAACAAAA AGAAGCCAGA GGAAGAAGGC AGTGCTCATC AAGATACTGC TGAAAACAAT  1020
GCATCTTCCC CAGAGAAAGC CAAGGGTAGA CATACTGTGC CTTGTATGCC ACCTGCAAAG  1080
CAGAAGTTTC TAAAAAGTAC TGAGGAGCAA GAGCTGGAGA AGAGTATGAA AATGCAGCAA  1140
GAGGTGGTGG AGATGCGGAA AAAGAATGAA GAATTCAAGA AACTTGCTCT GGCTGGAATA  1200
GGGCAACCTG TGAAGAAATC AGTGAGCCAG GTCACCAAAT CAGTTGACTT CCACTTCCGC  1260
ACAGATGAGC GAATCAAACA ACATCCTAAG AACCAGGAGG AATATAAGGA AGTGAACTTT  1320
ACATCTGAAC TACGAAAGCA TCCTTCATCT CCTGCCCGAG TGACTAAGGG ATGTACCATT  1380
GTTAAGCCTT TCAACCTGTC CCAAGGAAAG AAAAGAACAT TTGATGAAAC AGTTTCTACA  1440
TATGTGCCCC TTGCACAGCA AGTTGAAGAC TTCCATAAAC GAACCCCTAA CAGATATCAT  1500
TTGAGGAGCA AGAAGGATGA TATTAACCTG TTACCCTCCA AATCTTCTGT GACCAAGATT  1560
TGCAGAGACC CACAGACTCC TGTACTGCAA ACCAAACACC GTGCACGGGC TGTGACCTGC  1620
AAAAGTACAG CAGAGCTGGA GGCTGAGGAG CTCGAGAAAT TGCAACAATA CAAATTCAAA  1680
GCACGTGAAC TTGATCCCAG AATACTTGAA GGTGGGCCCA TCTTGCCCAA GAAACCACCT  1740
GTGAAACCAC CCACCGAGCC TATTGGCTTT GATTTGGAAA TTGAGAAAAG AATCCAGGAG  1800
CGAGAATCAA AGAAGAAAAC AGAGGATGAA CACTTTGAAT TTCATTCCAG ACCTTGCCCT  1860
ACTAAGATTT TGGAAGATGT TGTGGGTGTT CCTGAAAAGA AGGTACTTCC AATCACCGTC  1920
CCCAAGTCAC CAGCCTTTGC ATTGAAGAAC AGAATTCGAA TGCCCACCAA AGAAGATGAG  1980
GAAGAGGACG AACCGGTAGT GATAAAAGCT CAACCTGTGC CACATTATGG GGTGCCTTTT  2040
AAGCCCCAAA TCCCAGAGGC AAGAACTGTG GAAATATGCC CTTTCTCGTT TGATTCTCGA  2100
GACAAAGAAC GTCAGTTACA GAAGGAGAAG AAAATAAAAG AACTGCAGAA AGGGGAGGTG  2160
CCCAAGTTCA AGGCACTTCC CTTGCCTCAT TTTGACACCA TTAACCTGCC AGAGAAGAAG  2220
GTAAAGAATG TGACCCAGAT TGAACCTTTC TGCTTGGAGA CTGACAGAAG AGGTGCTCTG  2280
AAGGCACAGA CTTGGAAGCA CCAGCTGGAA GAAGAACTGA GACAGCAGAA AGAAGCAGCT  2340
TGTTTCAAGG CTCGTCCAAA CACCGTCATC TCTCAGGAGC CCTTTGTTCC CAAGAAAGAG  2400
AAGAAATCAG TTGCTGAGGG CCTTTCTGGT TCTCTAGTTC AGGAACCTTT TCAGCTGGCT  2460
ACTGAGAAGA GAGCCAAAGA GCGGCAGGAG CTGGAGAAGA GAATGGCTGA GGTAGAAGCC  2520
CAGAAAGCCC AGCAGTTGGA GGAGGCCAGA CTACAGGAGG AAGAGCAGAA AAAAGAGGAG  2580
CTGGCCAGGC TACGGAGAGA ACTGGTGCAT AAGGCAAATC CAATACGCAA GTACCAGGGT  2640
CTGGAGATAA AGTCAAGTGA CCAGCCTCTG ACTGTGCCTG TATCTCCCAA ATTCTCCACT  2700
CGATTCCACT GCTAAACTCA GCTGTGAGCT GCGGATACCG CCCGGCAATG GGACCTGCTC  2760
TTAACCTCAA ACCTAGGACC GTCTTGCTTT GTCATTGGGC ATGGAGAGAA CCCATTTCTC  2820
CAGACTTTTA CCTACCCGTG CCTGAGAAAG CATACTTGAC AACTGTGGAC TCCAGTTTTG  2880
TTGAGAATTG TTTTCTTACA TTACTAAGGC TAATAATGAG ATGTAACTCA TGAATGTCTC  2940
GATTAGACTC CATGTAGTTA CTTCCTTTAA ACCATCAGCC GGCCTTTTAT ATGGGTCTTC  3000
ACTCTGACTA GAATTTAGTC TCTGTGTCAG CACAGTGTAA TCTCTATTGC TATTGCCCCT  3060
TACGACTCTC ACCCTCTCCC CACTTTTTTT AAAAATTTTA ACCAGAAAAT AAAGATAGTT  3120
AAATCCTAAG ATAGAGATTA AGTCATGGTT TAAATGAGGA ACAATCAGTA AATCAGATTC  3180
TGTCCTCTTC TCTGCATACC GTGAATTTAT AGTTAAGGAT CCCTTTGCTG TGAGGGTAGA  3240
AAACCTCACC AACTGCACCA GTGAGGAAGA AGACTGCGTG GATTCATGGG GAGCCTCACA  3300
GCAGCCACGC AGCAGGCTCT GGGTGGGGCT GCCGTTAAGG CACAGTTCTT TCCTTACTGG  3360
TGCTGATAAC AACAGGGAAC CGTGCAGTGT GCATTTTAAG ACC                     3403
```

Name: 28 Len: 426 Check: 122C

```
TTCGATTGTG GCCCATGCAA GCAAGGAGTA ATGGAACAAA ACGACCAGCA ATGTTAGATA   60
ATGAAGCCGA CGNAATAAAA CAATGATTGA GCTCAGTGAT AATGAAAACC CTTGGACAAT  120
ATTCCTGGAA ACAGTTGATC CCGAGCTGGC TGCTAGTGGA GCGACCTTAC CCAAGTTTGA  180
TAAAGATCAT GATGTAATGT TATTTTTGAA GATGTATGAT CCCAAAACGC GGACTTTGAA  240
TTACTGTGGG CATATCTACA CACCAATATC CTGTAAAATA CGTGACTTGC TCCCAGTTAT  300
```

65

GTGTGACAGA GCAGGATTTA TTCAAGATAC TAGCCTTTAT CCTCTATGGA GGAAGTTAAA 360
CCGAATTTAA CAGAGAGAAT TCCAGGACTA TGACGTGTCT CCTTGATAAA GCCCCTTGAT 420
GAACTA 426

Name: 280 Len: 6428 Check: 1EC4

GCTAGTGGAA GTTACTGCCG CGCCACCGAG TCCGGACCGG AGACTTTGGG GCCTAACTAC 60
TGAATGGTAG TGTCTAGAAA GGGTATGTCC CTTCAAGAGA GAGGTGCCAA TGTCCAACCG 120
GCCTAATAAC AATCCAGGGG GGTCACTGCG ACGTTCACAG AGGAACACTG CCGGGGCCCA 180
ACCACAAGAC GACTCAATAG GAGGAAGAAG CTGCAGTTCA TCATCTGCTG TGATAGTTCC 240
ACAACCAGAG GATCCAGACA GAGCCAATAC TTCAGAAAGA CAAAAAACGG GGCAGGTGCC 300
TAAGAAAGAC AATTCTCGAG GAGTGAAGCG CAGTGCTAGT CCAGACTACA ACAGGACCAA 360
TTCTCCTAGC TCTGCAAAAA AACCAAAAGC ACTTCAGCAT ACTGAATCTC CCTCAGAAAC 420
AAATAAGCCA CATAGTAAGT CAAAGAAGAG ACATTTAGAC CAGGAGCAAC AACTGAAATC 480
TGCACAATCA CCATCAACAA GCAAGGCTCA TACCAGGAAG AGTGGGGCCA CTGGCGGTTC 540
ACGGAGTCAG AAAAGAAAAA GGACAGAGAG TTCTTGTGTA AAGAGTGGCT CCGGGTCTGA 600
ATCAACTGGT GCAGAAGAGA GATCTGCGAA ACCTACCAAG CTGGCTTCAA AATCAGCCAC 660
CTCAGCCAAA GCTGGGTGTA GCACCATCAC TGATTCTTCT TCTGCTGCCT CTACTTCCTC 720
CTCGTCTTCT GCTGTAGCCT CGGCCTCCTC CACTGTACCA CCAGGTGCCA GAGTGAAACA 780
AGGAAAAGAT CAGAACAAGG CCAGGCGTTC CCGTTCAGCG TCCAGTCCCA GCCCCAGAAG 840
AAGTAGCAGG GAAAAGGAAC AGAGTAAAAC TGGTGGCTCT TCAAAATTTG ATTGGGCTGC 900
TCGTTTCAGC CCTAAAGTTA GCCTTCCTAA AACAAAACTG TCTCTTCCAG GGTCTTCTAA 960
GTCAGAGACA TCAAAACCTG GACCTTCTGG ATTACAGGCC AAATTAGCAA GTTTAAGAAA 1020
ATCTACGAAG AAACGCAGTG AGTCTCCACC TGCTGAGCTC CCCAGTTTGA GGCGGAGCAC 1080
ACGCCAAAAG ACCACGGGCT CCTGTGCTAG TACCAGTCGG CGAGGCTCTG GCCTGGGCAA 1140
AAGAGGAGCA GCTGAAGCTC GTCGACAGGA GAAAATGGCA GACCCTGAAA GCAACCAGGA 1200
GGCAGTAAAT TCTTCAGCTG CTCGGACAGA TGAAGCTCCC CAAGGAGCTG CAGGGGCTGT 1260
TGGCATGACC ACCTCTGGGG AGAGTGAATC AGATGATTCC GAGATGGGAC GTTTGCAAGC 1320
TTTGTTAGAG GCAAGGGGTC TTCCCCCTCA CCTATTTGGT CCTCTTGGTC CTCGGATGTC 1380
ACAGCTTTTC CATAGAACAA TTGGAAGTGG AGCTAGTTCT AAGGCCCAGC AGCTACTACA 1440
AGGATTGCAA GCCAGTGATG AAAGTCAACA GCTTCAGGCA GTTATTGAGA TGTGTCAGTT 1500
ACTGGTCATG GGAAATGAGG AGACACTGGG AGGGTTTCCT GTCAAGAGTG TTGTTCCAGC 1560
TTTGATTACG TTACTTCAGA TGGAGCACAA TTTTGATATT ATGAACCATG CTTGTCGAGC 1620
CTTAACATAC ATGATGGAAG CACTTCCTCG ATCTTCTGCT GTTGTAGTAG ATGCTATTCC 1680
TGTCTTTTTA GAAAAGCTGC AAGTTATTCA GTGTATTGAT GTGGCAGAGC AGGCCTTGAC 1740
TGCCTTGGAG ATGTTGTCAC GGAGACATAG TAAAGCCATT CTACAGGCGG GTGGTTTGGC 1800
AGACTGCTTG CTGTACCTAG AATTCTTCAG CATAAATGCC CAAAGAAATG CATTAGCAAT 1860
TGCAGCTAAT TGCTGCCAGA GTATCACGCC AGATGAATTT CATTTTGTGG CAGATTCACT 1920
CCCATTGCTA ACCCAAAGGC TAACACATCA GGATAAAAAG TCAGTAGAAA GCACTTGCCT 1980
TTGTTTTGCA CGCCTAGTGG ACAACTTCCA GCATGAGGAG AATTTACTCC AGCAGGTTGC 2040
TTCCAAAGAT CTGCTTACAA ATGTTCAACA GCTGTTGGTA GTGACTCCAC CCATTTTAAG 2100
TTCTGGGATG TTTATAATGG TGGTTCGCAT GTTTTCTCTG ATGTGTTCCA ACTGTCCAAC 2160
TTTAGCTGTT CAACTTATGA AACAAAACAT TGCAGAAACG CTTCACTTTC TCCTGTGTGG 2220
TGCCTCCAAT GGAAGTTGTC AGGAACAGAT TGATCTTGTT CCACGAAGCC CTCAAGAGTT 2280
GTATGAACTG ACATCTCTGA TTTGTGAACT TATGCCATGT TTACCAAAAG AAGGCATTTT 2340
TGCAGTTGAT ACCATGTTGA AGAAGGGAAA TGCACAGAAC ACAGATGGTG CGATATGGCA 2400
GTGGCGTGAT GATCGGGGCC TCTGGCATCC ATATAACAGG ATTGACAGCC GGATCATTGA 2460
GCAAATCAAT GAGGACACGG GAACAGCACG TGCCATTCAG AGAAAACCTA ACCCGTTAGC 2520
CAATAGTAAC ACTAGTGGAT ATTCAGAGTC AAAGAAGGAT GATGCTCGAG CACAGCTTAT 2580
GAAAGAGGAT CCGGAACTGG CTAAGTCTTT TATTAAGACA TTATTTGGTG TTCTTTATGA 2640
AGTGTATAGT TCCTCAGCAG GACCTGCGGT CAGACATAAG TGCCTTAGAG CAATTCTTAG 2700
GATAATTTAT TTTGCGGATG CTGAACTTCT GAAGGATGTT CTGAAAAATC ATGCTGTTTC 2760
AAGTCACATT GCTTCCATGC TGTCAAGCCA AGACCTGAAG ATAGTAGTGG GAGCACTTCA 2820
GATGGCAGAA ATTTTAATGC AGAAGTTACC TGATATTTTT AGTGTTTACT TCAGAAGAGA 2880
AGGTGTAATG CATCAAGTAA AACACTTAGC AGAATCAGAG TCTTTGTTGA CAAGTCCACC 2940
AAAGGCATGT ACGAATGGAT CGGGATCCAT GGGATCCACA ACTTCAGTCA GCAGTGGGAC 3000
AGCCACAGCT GCCACTCATG CTGCAGCTGA CTTGGGATCA CCCAGCTTGC AGCACAGCAG 3060
GGATGATTCT TTAGATCTCA GCCCTCAAGG TCGATTAAGT GATGTTCTAA AGAGAAAACG 3120
ACTGCCAAAA CGAGGGCCAA GAAGGCCAAA GTACTCACCT CCAAGAGATG ATGACAAAGT 3180
AGACAATCAA GCTAAAAGCC CCACCACTAC TCAGTCACCT AAATCTTCTT TCCTGGCAAG 3240
CTTGAATCCA AAAACATGGG GAAGGTTAAG TACACAGTCC AACAGCAACA ACATTGAGCC 3300
AGCACGGACT GCGGGAGGTA GTGGCCTTGC CAGGGCTGCC TCAAAGGATA CCATCTCCAA 3360
TAATAGAGAA AAAATTAAAG GTTGGATTAA GGAGCAGGCA CATAAATTTG TAGAACGTTA 3420
TTTCAGTTCT GAGAATATGG ATGGAAGCAA CCCTGCATTG AATGTCCTTC AGAGACTTTG 3480
TGCTGCAACC GAACAACTCA ACCTCCAGGT GGATGGTGGA GCTGAGTGCC TTGTAGAAAT 3540

CCGTAGCATA GTCTCAGAGT CAGATGTTTC ATCATTTGAA ATCCAACATA GTGGATTTGT 3600
GAAGCAGCTG TTGCTTTATT TGACATCTAA AAGTGAAAAG GATGCTGTGA GCAGAGAGAT 3660
CAGATTAAAG CGATTTCTTC ATGTATTTTT TTCTTCTCCA CTTCCTGGAG AAGAGCCCAT 3720
TGGAAGAGTG GAACCAGTGG GTAATGCACC TTTGTTGGCA TTAGTTCACA AGATGAACAA 3780
CTGCCTCAGC CAGATGGAAC AATTTCCAGT CAAAGTACAT GATTTCCCTA GTGGAAATGG 3840
GACAGGAGGC AGCTTTTCTC TCAACAGAGG ATCACAGGCT TTAAAATTTT TCAACACACA 3900
TCAATTAAAA TGCCAGTTAC AAAGGCATCC AGACTGTGCA AATGTGAAGC AGTGGAAGGG 3960
TGGACCTGTC AAGATTGACC CTCTGGCTTT GGTACAAGCC ATCGAGAGAT ACCTTGTAGT 4020
TAGAGGGTAT GGAAGAGTAA GAGAAGATGA TGAAGACAGC GATGACGATG GATCAGATGA 4080
GGAAATAGAT GAGTCTCTGG CTGCTCAGTT CCTAAATTCA GGAAATGTAA GACACAGGCT 4140
GCAGTTTTAT ATTGGAGAAC ATTTGCTGCC GTATAACATG ACTGTGTATC AGGCAGTACG 4200
GCAGTTTAGT ATACAGGCTG AAGATGAAAG AGAATCCACA GATGATGAGA GCAATCCTCT 4260
AGGCAGAGCT GGTATTTGGA CAAAGACTCA TACAATATGG TATAAACCTG TGAGAGAGGA 4320
TGAAGAAAGT AATAAAGATT GTGTTGGTGG TAAAAGAGGA AGAGCCCAAA CAGCTCCAAC 4380
GAAAACTTCC CCTAGAAATG CAAAAAAGCA TGATGAGTTA TGGCACGATG GAGTGTGCCC 4440
ATCAGTATCA AATCCTTTAG AAGTTTACCT CATTCCCACA CCACCTGAAA ATATAACATT 4500
TGAAGACCCG TCATTAGATG TGATCCTTCT TTTAAGAGTT TTACATGCTA TCAGTCGATA 4560
CTGGTATTAC TTGTATGATA ATGCAATGTG CAAGGAAATT ATTCCAACTA GTGAATTTAT 4620
TAACAGTAAG TTAACAGCAA AAGCAAATAG GCAACTTCAA GATCCTTTAG TAATCATGAC 4680
AGGAAACATC CCAACATGGC TTACTGAGCT AGGAAAAACC TGCCCATTTT TCTTTCCTTT 4740
TGATACCCGG CAAATGCTTT TTTATGTAAC TGCATTTGAT CGGGACCGAG CAATGCAAAG 4800
ATTACTTGAT ACCAACCCAG AAATCAACCA GTCTGATTCT CAAGATAGCA GAGTTGCACC 4860
TAGATTGGAT AGAAAAAAAC GTACTGTGAA CCGAGAGGAG CTGCTGAAAC AGGCGGAGTC 4920
TGTGATGCAG GACCTCGGCA GCTCACGGGC CATGTTAGAA ATCCAGTATG AAAATGAGGT 4980
TGGTACAGGT CTTGGGCCTA CACTGGAGTT TTATGCGCTT GTATCTCAGG AACTACAGAG 5040
AGCTGACTTG GGTCTTTGGA GAGGTGAAGA AGTAACTCTT AGCAATCCAA AAGGGAGCCA 5100
AGAAGGGACC AAGTATATTC AAAACCTCCA GGGCCTGTTT GCGCTTCCCT TTGGTAGGAC 5160
AGCAAAGCCA GCTCATATCG CAAAGGTTAA GATGAAGTTT CGCTTCTTAG GAAAATTAAT 5220
GGCCAAGGCT ATCATGGATT TCAGATTGGT GGACCTTCCC CTTGGCTTAC CCTTTTATAA 5280
ATGGATGCTA CGGCAAGAAA CTTCACTGAC ATCACACGAT TTGTTTGACA TCGACCCAGT 5340
TGTAGCCAGA TCAGTTTATC ACCTAGAAGA CATTGTCAGA CAGAAGAAAA GACTTGAACA 5400
AGATAAATCC CAGACCAAAG AGAGTCTACA GTATGCATTA GAAACCTTGA CTATGAATGG 5460
CTGCTCAGTT GAAGATCTAG GACTGGATTT CACTCTGCCA GGGTTTCCCA ATATCGAACT 5520
GAAGAAAGGA GGGAAGGATA TACCAGTCAC TATCCACAAT TTAGAGGAGT ATCTAAGACT 5580
GGTTATATTC TGGGCACTAA ATGAAGGCGT TTCTAGGCAA TTTGATTCGT TCAGAGATGG 5640
ATTTGAATCA GTCTTCCCAC TCAGTCATCT TCAGTACTTC TACCCGGAGG AACTGGATCA 5700
GCTCCTTTGT GGCAGTAAAG CAGACACTTG GGATGCAAAG ACACTGATGG AATGCTGTAG 5760
GCCTGATCAT GGTTATACTC ATGACAGTCG GGCTGTGAAG TTTTTGTTTG AGATTCTCAG 5820
TAGTTTTGAT AATGAGCAGC AGAGGTTATT TCTCCAGTTT GTGACTGGTA GCCCAAGATT 5880
GCCTGTTGGA GGATTCCGGA GTTTGAATCC ACCTTTGACA ATTGTCCGAA AGACGTTTGA 5940
ATCAACAGAA AACCCAGATG ACTTCTTGCC CTCTGTAATG ACTTGTGTGA ACTATCTTAA 6000
GTTGCCGGAC TATTCAAGCA TTGAGATAAT GCGTGAAAAA CTGTTGATAG CAGCAAGAGA 6060
AGGGCAGCAG TCGTTCCATC TTTCCTGATT ATAGCAAGAA ATGCAGTGTC TGCCTGTTAC 6120
AGCAAAAGAA ACAAATCATG ATTTCTTTTC TAATGTTATC ACCTGAGTCA AGGAAACATG 6180
TTACGCCTTC TTGTTGTAGG AAAAACGGCT TGCAGATTAT AAAGAGACAT TTGGTTGATA 6240
TTCATTAATG GCCCCATGGA CTTAAAGTGA TCAGGCCCTA AAACGTTGTT GTGATGAGGT 6300
TTCTTTAGCA AGTTCTTGTT TAAATTATCA TTTATTTGAT GAGTGAAGTT TTTAACATGC 6360
TTTGCTGTGT GAAATTTAAA AAAGGGATGT TTTTCCAGGC TGGAACAATA AATGTGGCTG 6420
TGCAGTTT 6428

Name: 281 Len: 1266 Check: 1DDC

GCCGGTCGGA GGGCTCCTAG TGCGCCAGGT TGTGGGAAGT GAGGCTGGCG GTGGCGACAA 60
CCGAGGAGGA GGGGCGGGAC GGTGGAGCAC GGACCGGCTG AGCGTCATGG AGGGCTCAGG 120
GGAGCAGCCG GGCCCACAAC CACAGCATCC CGGAGACCAC CGCATCCGCG ACGGCGACTT 180
CGTGGTGCTG AAACGTGAAG ATGTGTTTAA AGCAGTACAA GTCCAGCGGA GAAAAAAAGT 240
AACTTTCGAA AAACAGTGGT TCTACCTGGA TAACGTCATT GGCCATAGTT ATGGAACTGC 300
ATTTGAAGTG ACCAGTGGAG GAAGTCTACA GCCCAAGAAG AAGAGGGAAG AGCCTACTGC 360
AGAGACTAAA GAAGCGGGCA CTGATAATCG AAATATAGTT GATGATGGGA AATCTCAGAA 420
ACTTACTCAA GATGACATAA AAGCTTTGAA GGACAAGGGC ATTAAAGGAG AGGAAATAGT 480
TCAGCAGTTA ATTGAAAATA GTACAACATT CCGAGACAAG ACAGAATTTG CCCAAGATAA 540
ATATATTAAA AAGAAGAAAA AAAAATATGA AGCCATCATT ACTGTTGTGA AGCCATCCAC 600
CCGTATTCTT TCAATTATGT ATTATGCAAG AGAACCTGGA AAAATTAACC ACATGAGATA 660
CGATACACTA GCCCAGATGT TGACGTTGGG AAATATCCGT GCTGGCAACA AAATGATTGT 720
GATGGAAACG TGTGCAGGCT TGGTGCTGGG TGCAATGATG GAACGAATGG GAGGTTTTGG 780

CTCCATTATT CAGCTATACC CTGGAGGAGG ACCTGTTCGG GCAGCAACAG CATGTTTTGG 840
ATTTCCCAAA TCTTTTCTCA GTGGTCTTTA TGAATTCCCT CTCAACAAAG TGGACAGTCT 900
TCTACATGGA ACATTTTCTG CCAAGATGTT ATCTTCAGAG CCAAAAGACA GTGCTTTGGT 960
TGAAGAAAGT AATGGCACAC TGGAGGAAAA ACAGGCTTCT GGGCAAGAGA ATGAAGACAG 1020
CATGGCAGAG GCCCCAGAGA GCAACCACCC AGAAGACCAG GGAAACAATG GAAACAATTT 1080
CTCAAGATCC AGAACATAAG GGGCCTAAAG AGAGAGGAAG CAAAAAAGAT TATATTTCAG 1140
GGAAAAACAG AGGGAGACAA GGAAGGAGCA GCGGAAAAGA CTTTTGGGGC TGCCGTTTTG 1200
CTTGAGTTGA AAGGAAACGC CGATGGTTTT ATTTGTTAGC TTGTTCTTTT CCACCCCCAT 1260
TCTCCT 1266

Name: 282 Len: 3962 Check: E05

AGGAATTCCG GTGAGCTGAG CGCGGCGCGC GGCCGGGCCG GGGAGCGGGC GCGCCGGCGG 60
CCTCAGCATG GAGGACGGCT TCTCCAGCTA CAGCAGCCTG TACGACACGT CCTCGCTGCT 120
CCAGTTCTGC AACGATGACA GCGCTTCTGC TGCAAGTAGC ATGGAGGTGA CAGACCGCAT 180
TGCTTCACTG GAGCAGAGAG TCCAGATGCA AGAAGACGAC ATCCAGCTGC TCAAATCAGC 240
TCTAGCTGAT GTGGTTCGGC GGCTGAACAT TACTGAGGAA CAGCAGGCCG TGCTTAACAG 300
GAAAGGACCT ACCAAAGCAA GACCACTGAT GCAGACCCTG CCTTTTAGAT CCACGGTCAA 360
CAATGGCACT GTGTTACCAA AGATACCTAC TGGCTCTCTA CCATCCCCCT CCGGGTTCAG 420
GAAAGATACT GCTGTGCCAG CAACCAAAAG TAACATCAAG AGGACCAGCT CTTCTGAACG 480
AGTGTCTCCT GGGGGTCGAA GGGAAAGCAA TGGGGATTCC AGAGGAAACC GGAATCGCAC 540
AGGCTCCACC AGCAGCTCTT CCAGTGGCAA AAAAGAACAG TGAAAGCAAA CCCAAGGAGC 600
CTGTATTCAG TGCAGAAGAA GGCTATGTAA AATTGTTTCT TCGTGGACGC CCTGTTACCA 660
TGTACATGCC CAAAGATCAA GTGGATTCTT ACAGCTTGGA AGCAAAAGTA GAACTTCCAA 720
CCAAGAGACT CAAGCTGGAA TGGGTCTATG GGTACAGGGG TCGAGACTGC CGTAACAACC 780
TGTACTTGCT TCCGACGGGA GAGACCGTCT ACTTCATCGC ATCCGTGGTG GTGTTATACA 840
ACGTGGAGGA GCAACTGCAG AGGCATTACG CTGGCCACAA CGATGACGTG AAGTGCCTAG 900
CAGTTCATCC TGATCGGATC ACGATAGCAA CAGGACAAGT TGCGGGCACA TCGAAGGATG 960
GAAAACAATT GCCCCCACAT GTGCGCATCT GGGATTCTGT GACATTGAAT ACTCTCCACG 1020
TCATTGGAAT AGGTTTTTTT GACCGAGCAG TCACCTGTAT TGCATTCTCA AAATCTAATG 1080
GAGGAACCAA TCTCTGTGCT GTGGATGACT CCAACGACCA TGTGCTCTCT GTATGGGACT 1140
GGCAGAAAGA AGAAAAACTA GCAGATGTGA AGTGCTCTAA TGAAGCTGTG TTTGCTGCGG 1200
ATTTCCACCC CACGGACACC AACATCATAG TTACTTGTGG AGAAATCACA TCTCTACTTT 1260
TGGACACTAG AAGGAAGCTC CCATTAATAA GAAGCAAGGA TTATTCGAGA ACAAGAAAAG 1320
CCAAAGTTGT CCTCTGTGTG ACTTTCTCTG AAAACGGTGA CACCATTACT GGAGATTCAA 1380
GTGGCAACAT CTTAGTATGG GGAAAAGGTA CAAATCGAAT AAGCTATGCA GTTCAGGGGG 1440
CCCATGAGGG TGGCATTTCT CCACTTTGTA TGTTAAGAGA TGGCACACTG GTGTCGGGAG 1500
GTGGGAAAGA CCGAAAGCTC ATTTCTTGGA GCGGAAACTA TCAAAAACTT CGTAAAACGG 1560
AGATTCCAGA ACAGTTTGGT CCAATACGGA CAGTGGCCGA GGGGAAAGGC GATGTGATCT 1620
TGATTGGCAC AACTCGAAAC TTTGTCCTGC AGGGCACTCT GTCAGGGGAC TTCACACCCA 1680
TTACTCAGGG TCACACTGAT GAGCTCTGGG GACTGGCCAT CCATGCCTCA AAACCTCAGT 1740
TCTTGACCTG TGGGCATGAC AAGCATGCCA CTCTCTGGGA CGCTGTGGGT CACCGTCCCG 1800
TCTGGGACAA AATAATAGAG GATCCAGCTC AGTCTTCTGG TTTTCATCCT TCAGGGTCTG 1860
TGGTTGCAGT CGGAACACTC ACTGGGAGGT GGTTTGTGTT TGACACAGAA ACAAAAGACT 1920
TGGTCACCGT TCACACAGAT GGAAACGAAC AGCTCTCTGT AATGCGATAC TCACCAGATG 1980
GGAATTTCTT AGCCATAGGC TCACATGACA ACTGCATCTA TATATATGGC GTTAGTGACA 2040
ACGGGAGGAA GTACACGCGA GTGGGCAAGT GCTCGGGTCA TTCCAGCTTC ATTACTCACC 2100
TGGACTGGTC TGTAAACTCA CAGTTCCTCG TGTCAAATTC CGGAGACTAC GAAATCCTCT 2160
ACTGGGTTCC CTCTGCCTGT AAGCAAGTCG TAAGTGTGGA AACTACAAGA GACATTGAAT 2220
GGGCTACCTA TACCTGCACT TTGGGATTCC ATGTTTTTGG AGTGTGGCCA GAAGGCTCGG 2280
ACGGAACCGA CATCAATGCC GTCTGTCGGG CCCATGAGAA GAAACTCCTG TCAACAGGCG 2340
ACGACTTTGG CAAAGTGCAC CTCTTCTCAT ACCCCTGCTC GCAGTTCAGG GCTCCAAGCC 2400
ACATCTACGG CGGGCACAGC AGCCATGTCA CCAATGTCGA TTTCCTCTGT GAAGACAGCC 2460
ACCTCATCTC CACGGGCGGG AAAGACACAA GCATCATGCA GTGGCGCGTC ATTTAGTACC 2520
CACCGAGAGC TGTGGGGAGC AGCATGGGCA AGGAAGACAC AGACTCGCAT TACCCTTGGT 2580
CACTGTGATT TCTGTTTTGT TTAAAAAATT CTTACAAACC TCAGGAAAAC TGTGCCCTCC 2640
GCCGGCTACC TTAGCTTAGC GTGTCAGCGG GCGCCACAGC GGAATCAGCG GTTCCGTGTT 2700
CACTTTTGTT GTACAATATA TGACACAGTG CACATTGAAT ACCAACAAGG TTGCAACGTT 2760
TACATTATAG CCACATCAAC AGAAGTAACT GGGTATATTC TTAGTAACTT TTCTATGGAA 2820
CTCTTCAAAA ATGGGTCACA GGATGGCCTT TTAAAACATT GTATATTATC TTCACTGTTT 2880
TCACCTTTTA GGTTGCTAAG TTCAATATTT GTGATGATAA TGAGGTACTG AACCACGATG 2940
GCTGTTGAGG AATTGGTCCT AAAAGGACAG ATCACTTCAG AAGAGTGAAT AACTGATTTG 3000
CACAGCTGAA TCAGGAGACA CAAAGATGAG ACTGTGTTTG GTTACATTTT CCAAAGTTTC 3060
ATTGCATTCT CCCTTGGGGA GGCTGTGAGA GAGGGCTTGT ATCCCTCTTG TGCTAAGCAG 3120
ACTCTACTCC TAACTGACTT CAATATTTCA GCAGGGTACA CAGGCGTTTC CAAGTTTCAG 3180

TGACACCGTC CTGCCTAACC AGATGCGGTC AGCCTCTTCA CACCCACCTG GCTTGCATCC 3240
CCCATCCCTT GTTCACACGC CCTGATTCAC GGTGAGACAT TTTGCCACCT TCTTGTGTAT 3300
ATTACTTGGC ATGAGATGAT ATTGTACTTG TATAGGATTC TAGCAATTCA TAATAAATAT 3360
GTAAGACTAG GCTTTACTGT CTTATGCTTA TGGACATTGT ATATTTGTAT TTTATGACCA 3420
AGTAGACCAA GTCAGAAAGA TCTCTCTCGA GCGCACCATA AACCTGCAGA GAGAAGTCTC 3480
GAAAGGCTCC ACCAAGGTAC CAAGGGCAGC TGCTTTTCCT GTCTTTTGTG CATGGGCGAC 3540
CCATTACAGT ATGAGATAAG ATTGAGTTCT GATGCGTTAA ACGGAGGTGG CAGAAATTTG 3600
TCAAGAAGGC CTTATCCATT TCGATTGTGT GACAGATTGA AATTTATTGT TTACATTGGG 3660
GAATGTATCT CAAATTTTTA AATAGAAGAG TAATAAACAG ACTTTAAAGC AAATATTAAG 3720
ATTTTTACTC ATTCAAGGCA AGTAAATGAA TGGAATTATC TGAGCTCTAT GGCACTGGTT 3780
GTTTAGAGTG ACTGATGAAG TGCACCTTTC AAAAACATTT TTGATGCCAT CACCAGCCTA 3840
CTGCAGAAGT GCAGGGCACA GTAAACACCA TGTATTATTG AAGATGATCT GTTTTGTATG 3900
TATCCTTGTC AAATATATTC TATAATGGAA TAAAAAATCC TGGAAAGTGG GGGTTTCCTT 3960
AA 3962

Name: 283 Len: 1687 Check: 82D

ATGGATGGAT TTTATGACCA GCAAGTGCCT TACATGGTCA CCAATAGTCA GCGTGGGAGA 60
AATTGTAACG AGAAACCAAC AAATGTCAGG AAAAGAAAAT TCATTAACAG AGATCTGGCT 120
CATGATTCAG AAGAACTCTT TCAAGATCTA AGTCAATTAC AGGAAACATG GCTTGCAGAA 180
GCTCAGGTAC CTGACAATGA TGAGCAGTTT GTACCAGACT ATCAGGCTGA AAGTTTGGCT 240
TTTCATGGCC TGCCACTGAA AATCAAGAAA GAACCCCACA GTCCATGTTC AGAAATCAGC 300
TCTGCCTGCA GTCAAGAACA GCCCTTTAAA TTCAGCTATG GAGAAAAGTC CCTGTACAAT 360
GTCAGTGCCT ATGATCAGAA CCCACAAGTG GGAATGAGGC CCTCCAACCC CCCCACACCA 420
TCCAGCACGC CAGTGTCCCC ACTGCATCAT GCATCTCCAA ACTCAACTCA TACACCGAAA 480
CCTGACCGGG CCTTCCCAGC TCACCTCCCT CCATCGCAGT CCATACCAGA TAGCAGCTAC 540
CCCATGGACC ACAGATTTCG CCGCCAGCTT TCTGAACCCT GTAACTCCTT TCCTCCTTTG 600
CCGACGATGC CAAGGGAAGG ACGTCCTATG TACCAACGCC AGATGTCTGA GCCAAACATC 660
CCCTTCCCAC CACAAGGCTT TAAGCAGGAG TACCACGACC CAGTGTATGA ACACAACACC 720
ATGGTTGGCA GTGCGGCCAG CCAAAGCTTT CCCCCTCCTC TGATGATTAA ACAGGAACCC 780
AGAGATTTTG CATATGACTC AGAAGTGCCT AGCTGCCACT CCATTTATAT GAGGCAAGAA 840
GGCTTCCTGG CTCATCCCAG CAGAACAGAA GGCTGTATGT TTGAAAAGGG CCCCAGGCAG 900
TTTTATGATG ACACCTGTGT TGTCCCAGAA AAATTCGATG GAGACATCAA ACAAGAGCCA 960
GGAATGTATC GGGAAGGACC CACATACCAA CGGCGAGGAT CACTTCAGCT CTGGCAGTTT 1020
TTGGTAGCTC TTCTGGATGA CCCTTCAAAT TCTCATTTTA TTGCCTGGAC TGGTCGAGGC 1080
ATGGAATTTA AACTGATTGA GCCTGAAGAG GTGGCCCGAC GTTGGGGCAT TCAGAAAAAC 1140
AGGCCAGCTA TGAACTATGA TAAACTTAGC CGTTCACTCC GCTATTACTA TGAGAAAGGA 1200
ATTATGCAAA AGGTGGCTGG AGAGAGATAT GTCTACAAGT TTGTGTGTGA TCCAGAAGCC 1260
CTTTTCTCCA TGGCCTTTCC AGATAATCAG CGTCCACTGC TGAAGACAGA CATGGAACGT 1320
CACATCAACG AGGAGGACAC AGTGCCTCTT TCTCACTTTG ATGAGAGCAT GGCCTACATG 1380
CCGGAAGGGG GCTGCTGCAA CCCCCACCCC TACAACGAAG GCTACGTGTA TTAACACAAG 1440
TGACAGTCAA GCAGGGCGTT TTTTGCGCTT TTCCTTTTTT CTGCAAGATA CAGAGAATTG 1500
CTGAATCTTT GTTTTATTTC TGTTGTTGAT ATTTATTTTT AAATAATAAT ACACAAAAAG 1560
GGGCTTTTCC TGTTGCATTA TTCTATGGTC TGCCATGGAC TGTGCACTTT ATTTGAGGGT 1620
GGGTGGGAGT AATCTAAACA TTTATTCTGT GTAACAGGAA GCTAATGGGT GAATGGGCAG 1680
AGGGATT 1687

Name: 284 Len: 3787 Check: 1213

GCGGCCGCTC GGCGGCCGGG GGTCCCTTCG GTGGGGCCGC GGCTCCCCGC CCGCCGCCCC 60
CGCGCGTCCA TTCGCTTTGT GTCCCGCGCG CGGCCGGGCC CCCCGCGCAC TCTCAGCCCT 120
GCGCCCCGCG GCCCGGCGGG CGGCTCCCGG CGCGGCCCCA GCAGCCCGCG CCGGCATTGT 180
GTGGACGCGC CCGGCCGCGA GCGCGCGCGC GGGCCCTGCC GAGCGCCCCC GGCCCCGTCC 240
GCTCCGGCCG CGGCGCCCGC GCCCGCCGCC CCCGCCGCCC TCGCCGCGCG GCCCCCGGCC 300
CGGCCCGGCC CGACCCGGGC AGCGCAGCGG CGGGGCGAGC GGCGGCGCGG CAACATGGCG 360
ACGGTGCCCG TGTACTGCGT CTGCCGGCTG CCCTACGACG TTACCCGCTT TATGATCGAG 420
TGCGATGCCT GCAAGGACTG GTTCCACGGC AGCTGTGTTG GGGTGGAAGA GGAAGAGGCA 480
CCAGACATCG ACATTTACCA CTGCCCGAAC TGCGAGAAAA CCCATGGCAA GTCCACACTC 540
AAGAAAAAGC GGACTTGGCA CAAACACGGC CCTGGGCCAA CACCGGACGT GAAACCAGTG 600
CAGAATGGCA GTCAGCTGTT CATCAAGGAG CTGCGGAGCC GAACCTTCCC CAGTGCTGAA 660
GACGTGGTGT CCCGTGTGCC AGGTAGCCAG CTCACCGTGG GCTACATGGA GGAGCATGGC 720
TTCACTGAGC CCATCCTTGT CCCCAAGAAA GATGGCCTGG GCTTAGCTGT CCCTGCCCCA 780
ACATTCTACG TGAGTGACGT CGAGAACTAC GTGGGGCCGG AACGGAGTGT GGATGTGACA 840
GATGTCACCA AGCAGAAGGA CTGCAAGATG AAGCTGAAGG AGTTTGTGGA CTATTACTAC 900
AGCACCAACC GCAAGCGGGT CCTCAACGTC ACCAACCTCG AGTTCTCTGA CACCCGAATG 960
TCCAGCTTCG TGGAGCCACC TGACATTGTA AAGAAACTGT CATGGGTAGA AAACTACTGG 1020
CCAGATGATG CATTGCTGGC CAAGCCCAAA GTGACCAAGT ACTGCCTAAT CTGCGTGAAG 1080

```
GACAGTTACA CCGACTTCCA CATCGACTCT GGGGGCGCCT CTGCCTGGTA CCACGTGCTC  1140
AAGGGGGAGA AGACCTTCTA TCTCATCAGG CCGGCCTCGG CCAACATCTC CCTGTATGAG  1200
CGCTGGCGGT CTGCCTCTAA CCACAGCGAG ATGTTCTTTG CTGACCAGGT CGACAAATGC  1260
TACAAGTGCA TCGTCAAGCA GGGCCAGACC CTCTTCATCC CCTCAGGCTG GATCTACGCC  1320
ACACTCACCC CTGTGGACTG CCTGGCCTTC GCGGGACATT TCCTCCACAG CCTGAGTGTG  1380
GAGATGCAGA TGAGAGCATA CGAGGTGGAA AGGAGGTTGA AACTTGGCAG CCTGACTCAG  1440
TTTCCCAACT TTGAAACTGC GTGCTGGTAC ATGGGAAAGC ACCTATTGGA GGCGTTCAAA  1500
GGTTCTCACA AGTCTGGGAA GCAGCTGCCC CCACATCTAG TCCAAGGAGC TAAAATTCTC  1560
AATGGTGCTT TCCGATCGTG GACGAAGAAG CAGGCTTTGG CAGAGCATGA GGACGAGCTC  1620
CCGGAGCACT TCAAACCTTC ACAGCTAATC AAGGACCTGG CCAAAGAGAT CCGGCTCAGT  1680
GAGAATGCCT CCAAAGCCGT CCGACCGGAA GTGAATACTG TCGCCTCGTC AGATGAGGTG  1740
TGTGACGGGG ACCGGGAGAA GGAGGAGCCC CCGTCTCCCA TTGAGGCCAC CCCGCCTCAA  1800
TCCCTCCTGG AGAAAGTGTC CAAAAAAAAG ACTCCCAAAA CTGTGAAGAT GCCCAAGCCA  1860
TCCAAAATCC CCAAGCCCCC GAAGCCCCCT AAGCCCCCAA GGCCCCCCAA AACGCTGAAG  1920
CTCAAAGATG GAGGCAAGAA GAAAGGGAAG AAGTCCCGGG AGTCAGCCTC ACCCACCATC  1980
CCCAACCTGG ACCTGCTCGA AGCCCACACC AAGGAGGCAC TGACCAAGAT GGAGCCGCCC  2040
AAGAAGGGCA AGGCCACAAA GAGTGTCCTG AGTGTGCCCA ACAAAGATGT GGTTCACATG  2100
CAGAATGATG TGGAGAGGCT GGAAATTCGA GAGCAAACAA AGAGCAAGTC AGAAGCCAAG  2160
TGGAAATACA AGAACAGCAA ACCTGACTCG TTACTGAAGA TGGAGGAGGA GCAGAGGCTG  2220
GAGAAGTCGC CCCTGGCTGG GAACAAGGAC AAGTTTTCCT TTTCTTTCTC CAACAGAAAA  2280
CTCCTGGGCT CCAAGGCCCT CAGGCCCCCG AGCAGCCCTG GTGTGTTCGG CGCCTTGCAG  2340
AGCTTCAAGG AGGACAAGGC CAAGCCCGTG CGCGATGAGT ATGAGTACGT ATCAGATGAT  2400
GGGGAGCTGA AGATAGACGA GTTTCCCATC AGGAGGAAGA AGAGCGCCCC CAAAAGGGAC  2460
TTGTCCTTCT TGTTAGACAA GAAGGAGGCT CTCCTCATGC CCACCTCGAA GCCAAAGCTG  2520
GATTCTGCGG TGTACAAGAG CGATGACTCC TCTGACGAGG GCTCTCTGCA CATCGACACG  2580
GACACCAAGC CAGGCAGAAA TGCCAAAGTG AAGAAGGAGA GTGGGAGCTC CGCGGCCGGC  2640
ATCCTGGACC TGCTGCAGGC CAGCGAGGAG GTTGGCGCAC TCGAGTACAA CCCCAACAGC  2700
CAGCCCCCTG CCTCCCCCAG CACACAGGAA GCCATTCAGG GAATGCTCTC CATGGCCAAT  2760
CTGCAGGCCT CTGACTCTTG CCTGCAGACC ACATGGGGCA CGGGGCAGGC CAAGGGTGGC  2820
TCACTGGCAG CCCATGGTGC CCGGAAGATT GGTGGTGGCA ACAAAGGCAC AGGCAAGCGC  2880
CTGCTGAAGA GGACTGCCAA GAACAGTGTG GATCTGGAGG ACTACGAGGA GCAGGATCAC  2940
CTGGATGCCT GCTTCAAGGA CTCAGACTAT GTTTACCCCT CACTGGAGTC TGACGAAGAT  3000
AACCCCGTCT TCAAGTCCCG GTCAAAGAAG AGGAAAGGCT CAGACGATGC TCCGTACAGC  3060
CCCACAGCCA GGGTCGGTCC ATCGGTGCCA AGACAAGACA GGCCTGTGCG TGAGGGGACC  3120
AGAGTGGCCT CCATTGAGAC GGGGCTGGCA GCTGCTGCAG CCAAGCTGTC CCAGCAGGAG  3180
GAGCAGAAAA ACAGGAAGAA GAAGAACACC AAAAGGAAGC CGGCTCCTAA CACTGCCTCC  3240
CCCTCCATCT CCACCTCTGC CTCCGCCTCC ACGGGTACCA CCTCGGCCTC CACCACCCCA  3300
GCATCCACCA CCCCGGCCTC CACCACCCCA GCATCCACCA CCCCGGCCTC CACCAGCACA  3360
GCCAGCAGCC AGGCCTCACA GGAGGGCAGC TCACCTGAGC CCCCACCTGA ATCACACAGC  3420
AGTAGCCTGG CTGACCACGA ATATACAGCA GCCGGCACAT TCTCGGGGTC CCAGGCTGGC  3480
CGTGCCTCCC AGCCCATGGC CCCTGGAGTC TTTCTCACAC AGAGGCGGCC TTCTGCATCA  3540
TCCCCCAACA ACACTGCTGC CAAAGGAAAA CGTACAAAAA AGGGCATGGC CACCGCCAAG  3600
CAAAGGCTTG GAAAGATCTT GAAGATCCAT CGGAATGGGA AACTGCTCCT CTAAGGCTTG  3660
GAAAGCCAGG ATCCTTCTGA TATGCTAAGG ACCCCCGGAG CCCCGCTACA TCAGCCCCTC  3720
CCAGGACGGT GGCTGTGCCG CCTGGCCCGG GGAGGGCTTG CTTCATTCCG ACCAATTTTC  3780
CAATCAA                                                            3787

Name: 285                Len:  3886  Check:     12AD
AGGAGAGAAG AAATTGAAAA GCAGGCACTT GAGAAGTCTA AGAGAAGCTC TAAGACGTTT    60
AAGGAAATGC TGCAGGACAG GGAATCCCAA AATCAAAAGT CTACAGTTCC GTCAAGAAGG   120
AGAATGTATT CTTTTGATGA TGTGCTGGAG GAAGGAAAGC GACCCCCTAC AATGACTGTG   180
TCAGAAGCAA GTTACCAGAG TGAGAGAGTA GAAGAGAAGG GAGCAACTTA TCCTTCAGAA   240
ATTCCCAAAG AAGATTCTAC CACTTTTGCA AAAAGAGAGG ACCCGTGTAA CAACTGAAAT   300
TCAGCTTCCT TCTCAAAGTC CTGTGGAAGA ACAAAGCCCA GCCTCTTTGT CTTCTCTGCG   360
TTCACGGAGC ACACAAATGG AATCAACTTG TGTTTCAGCT TCTCTCCCCA GAAGTTACCG   420
GAAAACTGAT ACAGTCAGGT TAACATCTGT GGTCACACCA AGACCCTTTG GCTCTCAGAC   480
AAGGGGAATC TCATCACTCC CCAGATCTTA CACGATGGAT GATGCTTGGA AGTATAATGG   540
AGATATTGAA GACATTAAGA GAACTCCAAA CAATGTGGTC AGCACCCCTG CACCAAGCCC   600
GGACGCAAGC CAACTGGCTT CAAGCTTATC TAGCCAGAAA GAGGTAGCAG CAACAGAAGA   660
AGATGTGACA AGGCTGCCCT CTCCTACATC CCCCTTCTCA TCTCTTTCCC AAGACCAGGC   720
TGCCACTTCT AAAGCCACAT TGTCTTCCAC ATCTGGTCTT GATTTAATGT CTGAATCTGG   780
AGAAGGGGAA ATCTCCCCAC AAAGAGAAGT CTCAAGATCC CAGGATCAGT TCAGTGATAT   840
GAGAATCAGC ATAAACCAGA CGCCTGGGAA GAGTCTTGAC TTTGGGTTTA CAATAAAATG   900
GGATATTCCT GGGATCTTCG TAGCATCAGT TGAAGCAGGT AGCCCAGCAG AATTTTCTCA   960
```

70

GCTACAAGTA GATGATGAAA TTATTGCTAT TAACAACACC AAGTTTTCAT ATAACGATTC 1020
AAAAGAGTGG GAGGAAGCCA TGGCTAAGGC TCAAGAAACT GGACACCTAG TGATGGATGT 1080
GAGGCGCTAT GGAAAGGCTG GTTCACCTGA AACAAAGTGG ATTGATGCAA CTTCTGGAAT 1140
TTACAACTCA GAAAAATCTT CAAATCTATC TGTAACAACT GATTTCTCCG AAAGCCTTCA 1200
GAGTTCTAAT ATTGAATCCA AAGAAATCAA TGGAATTCAT GATGAAAGCA ATGCTTTTGA 1260
ATCAAAAGCA TCTGAATCCA TTTCTTTGAA AAACTTAAAA AGGCGATCAC AATTTTTTGA 1320
ACAAGGAAGC TCTGATTCGG TGGTTCCTGA TCTTCCAGTT CCAACCATCA GTGCCCCGAG 1380
TCGCTGGGTG TGGGATCAAG AGGAGGAGCG GAAGCGGCAG GAGAGGTGGC AGAAGGAGCA 1440
GGACCGCCTA CTGCAGGAAA AATATCAACG TGAGCAGGAG AAACTGAGGG AAGAGTGGCA 1500
AAGGGCCAAA CAGGAGGCAG AGAGAGAGAA TTCCAAGTAC TTGGATGAGG AACTGATGGT 1560
CCTAAGCTCA AACAGCATGT CTCTGACCAC ACGGGAGCCC TCTCTTGCCA CCTGGGAAGC 1620
TACCTGGAGT GAAGGGTCCA AGTCTTCAGA CAGAGAAGGA ACCCGAGCAG GAGAAGAGGA 1680
GAGGAGACAG CCACAAGAGG AAGTTGTTCA TGAGGACCAA GGAAAGAAGC CGCAGGATCA 1740
GCTTGTTATT GAGAGAGAGA GGAAATGGGA GCAACAGCTT CAGGAAGAGC AAGAGCAAAA 1800
GCGGCTTCAG GCTGAGGCTG AGGAGCAGAA GCGTCCTGCG GAGGAGCAGA AGCGCCAGGC 1860
AGAGATAGAG CGGGAAACAT CAGTCAGAAT ATACCAGTAC AGGAGGCCTG TTGATTCCTA 1920
TGATATACCA AAGACAGAAG AAGCATCTTC AGGTTTTCTT CCTGGTGACA GGAATAAATC 1980
CAGATCTACT ACTGAACTGG ATGATTACTC CACAAATAAA AATGGAAACA ATAAATATTT 2040
AGACCAAATT GGGAACACGA CCTCTTCACA GAGGAGATCC AAGAAAGAAC AAGTACCATC 2100
AGGAGCAGAA TTGGAGAGGC AACAAATCCT TCAGGAAATG AGGAAGAGAA CACCCCTTCA 2160
CAATGACAAC AGCTGGATCC GACAGCGCAG TGCCAGTGTC AACAAAGAGC CTGTTAGTCT 2220
TCCTGGGATC ATGAGAAGAG GCGAATCTTT AGATAACCTG GACTCCCCCC GATCCAATTC 2280
TTGGAGACAG CCTCCTTGGC TCAATCAGCC CACAGGATTC TATGCTTCTT CCTCTGTGCA 2340
AGACTTTAGT CGCCCACCAC CTCAGCTGGT GTCCACATCA AACCGTGCCT ACATGCGGAA 2400
CCCCTCCTCC AGCGTGCCCC CACCTTCAGC TGGCTCCGTG AAGACCTCCA CCACAGGTGT 2460
GGCCACCACA CAGTCCCCCA CCCCGAGAAG CCATTCCCCT TCAGCTTCAC AGTCAGGCTC 2520
TCAGCTGCGT AACAGGTCAG TCAGTGGGAA GCGCATATGC TCCTACTGCA ATAACATTCT 2580
GGGCAAAGGA GCCGCCATGA TCATCGAGTC CCTGGGTCTT TGTTATCATT TGCATTGTTT 2640
TAAGTGTGTT GCCTGTGAGT GTGACCTCGG AGGCTCTTCC TCAGGAGCTG AAGTCAGGAT 2700
CAGAAACCAC CAACTGTACT GCAACGACTG CTATCTCAGA TTCAAATCTG GACGGCCAAC 2760
CGCCATGTGA TGTAAGCCTC CATACGAAAG CACTGTTGCA GATAGAAGAA GAGGTGGTTG 2820
CTGCTCATGT AGATCTATAA ATATGTGTTG TATGTCTTTT TTGCTTTTTT TTTAAAAAAA 2880
AGAATAACTT TTTTTGCCTC TTTAGATTAC ATAGAAGCAT TGTAGTCTTG GTAGAACCAG 2940
TATTTTTGTT GTTTATTTAT AAGGTAATTG TGTGTGGGGA AAAGTGCAGT ATTTACCTGT 3000
TGAATTCAGC ATCTTGAGAG CACAAGGGAA AAAATAAGAA CCTACGAATA TTTTTGAGGC 3060
AGATAATGAT CTAGTTTGAC TTTCTAGTTA GTGGTGTTTT GAAGAGGGTA TTTTATTGTT 3120
TTTTAAAAAA AGGTTCTTAA ACATTATTTG AAATAGTTAA TATAAATACA TAATTGCATT 3180
TGCTCTGTTT ATTGTAATGT ATTCTAAATT AATGCAGAAC CATATGGAAA ATTTCATTAA 3240
AATCTATCCC CAAATGTGCT TTCTGTATCC TTCCTTCTAC CTATTATTCT GATTTTTAAA 3300
AATGCAGTTA ATGTACCATT TATTTGCTTG ATGAAGGGAG CTCTATTTTC TTTACCAGAA 3360
ATGTTGCTAA GTAATTCCCA ATAGAAAGCT GCTTATTTTC ATTAATGAAA AATAACCATG 3420
GTTTGTATAC TAGAAGTCTT CTTCAGAAAC TGGTGAGCCT TTCTGTTCAA TTGCATTTGT 3480
AAATAAACTT GCTGATGCAT TTAACGAGTG GGTCGTCTTT TTCTTAGGTG TATGTGTCTG 3540
ACCTCAGGCC TTTTAGCCAT ATTTCAGTAT GTGGCCTTTT TTGATGTTAT GTTTTATCCA 3600
GTAGCTTTAC TAAGGTATAA TTGATGTAAT AAACTGCATA TATTTAAAGT GTATACTTTG 3660
ACAAATTTTG ACATGGTGTA TACCTTCGAA ACTATGCCAC AGTCTGGATG TGTTTACTGA 3720
AACATTTTAA TAAGGAAGTT TATTTTTGAT AAAGTTATGT TTTTGGATAC AATATATTTG 3780
TATGGTGAGA GTGATGAATT GTTGGATCAT TTGAATAAAA TCTTTTACTA ACCCCATGAT 3840
AAAAGGAGAA GACAACAGTG AGCTTAGAAT ATCTATAAAG CAAAAA 3886

Name: 286 Len: 3198 Check: 40E

AACCTGAATA TCCAGGTGGA GGACATTCGG ATTCGAGCCA TCCTCTCAAC CTACCGCAAG 60
CGCACCCCAG TGATGGAGGG CTACGTGGAG GTGAAGGAGG GCAAGACCTG GAAGCAGATC 120
TGTGACAAGC ACTGGACGGC CAAGAATTCC CGCGTGGTCT GCGGCATGTT TGGCTTCCCT 180
GGGGAGAGGA CATACAATAC CAAAGTGTAC AAAATGTTTG CCTCACGGAG GAAGCAGCGC 240
TACTGGCCAT TCTCCATGGA CTGCACCGGC ACAGAGGCCC ACATCTCCAG CTGCAAGCTG 300
GGCCCCCAGG TGTCACTGGA CCCCATGAAG AATGTCACCT GCGAGAATGG GCAGCCGGCC 360
GTGGTGAGTT GTGTGCCTGG GCAGGTCTTC AGCCCTGACG GACCCTCGAG ATTCCGGAAA 420
GCATACAAGC CAGAGCAACC CCTGGTGCGA CTGAGAGGCG GTGCCTACAT CGGGGAGGGC 480
CGCGTGGAGG TGCTCAAAAA TGGAGAGTGG GGGACCGTCT GCGACGACAA GTGGGACCTG 540
GTGTCGGCCA GTGTGGTCTG CAGAGAGCTG GGCTTTGGGA GTGCCAAAGA GGCAGTCACT 600
GGCTCCCGAC TGGGGCAAGG GATCGGACCC ATCCACCTCA ACGAGATCCA GTGCACAGGC 660
AATGAGAAGT CCATTATAGA CTGCAAGTTC AATGCCGAGT CTCAGGGCTG CAACCACGAG 720
GAGGATGCTG GTGTGAGATG CAACACCCCT GCCATGGGCT TGCAGAAGAA GCTGCGCCTG 780

71

AACGGCGGCC GCAATCCCTA CGAGGGCCGA GTGGAGGTGC TGGTGGAGAG AAACGGGTCC 840
CTTGTGTGGG GGATGGTGTG TGGCCAAAAC TGGGGCATCG TGGAGGCCAT GGTGGTCTGC 900
CGCCAGCTGG GCCTGGGATT CGCCAGCAAC GCCTTCCAGG AGACCTGGTA TTGGCACGGA 960
GATGTCAACA GCAACAAAGT GGTCATGAGT GGAGTGAAGT GCTCGGGAAC GGAGCTGTCC 1020
CTGGCGCACT GCCGCCACGA CGGGGAGGAC GTGGCCTGCC CCCAGGGCGG AGTGCAGTAC 1080
GGGGCCGGAG TTGCCTGCTC AGAAACCGCC CCTGACCTGG TCCTCAATGC GGAGATGGTG 1140
CAGCAGACCA CCTACCTGGA GGACCGGCCC ATGTTCATGC TGCAGTGTGC CATGGAGGAG 1200
AACTGCCTCT CGGCCTCAGC CGCGCAGACC GACCCCACCA CGGGCTACCG CCGGCTCCTG 1260
CGCTTCTCCT CCCAGATCCA CAACAATGGC CAGTCCGACT TCCGGCCCAA GAACGGCCGC 1320
CACGCGTGGA TCTGGCACGA CTGTCACAGG CACTACCACA GCATGGAGGT GTTCACCCAC 1380
TATGACCTGC TGAACCTCAA TGGCACCAAG GTGGCAGAGG GCCAAAAGGC CAGCTTCTGC 1440
TTGGAGGACA CAGAATGTGA AGGAGACATC CAGAAGAATT ACGAGTGTGC CAACTTCGGC 1500
GATCAGGGCA TCACCATGGG CTGCTGGGAC ATGTACCGCC ATGACATCGA CTGCCAGTGG 1560
GTTGACATCA CTGACGTGCC CCCTGGAGAC TACCTGTTCC AGGTTGTTAT TAACCCCAAC 1620
TTCGAGGTTG CAGAATCCGA TTACTCCAAC AACATCATGA AATGCAGGAG CCGCTATGAC 1680
GGCCACCGCA TCTGGATGTA CAACTCCCAC ATAGGTGGTT CCTTCAGCGA AGAGACGGAA 1740
AAAAAGTTTG AGCACTTCAG CGGGCTCTTA AACAACCAGC TGTCCCCGCC AGTAAAGAAG 1800
CCTGCGTGGT CAACTCCTGT CTTCAGGCCA CACCACATCT TCCATGGGAC TTCTCCCCAA 1860
CAACTGAGTC TGAACGAATG CCACGTGCCC TCACCCAGCC CGGCCCCCAC CCTGTCCAGA 1920
CCCCTACAGC TGTGTCTAAG CTCAGGAGGA AAGGGACCCT CCCATCATTC ATGGGGGGCT 1980
GCTACCTGAC CCTTGGGGCC TGAGAAGGCC TTGCGGGGGT GGGGTTTGTC CACAGAGCTG 2040
CTGGAGCAGC ACCAAGAGCC AGTCTTGACC GGGATGAGGC CCACAGACAG GTTGTCATCA 2100
GCTTGTCCCA TTCAAGCCAC CGAGCTCACC ACAGACACAG TGGAGCCGCG CTCTTCTCCA 2160
GTGACACGTG GACAAATGCG GGCTCATCAG CCCCCCCAGA GAGGGTCAGG CCGAACCCCA 2220
TTTCTCCTCC TCTTACCTCA TTTTCAGCAA ACTTGAATAT CTAGACCTCT CTTCCAATGA 2280
AACCCTCCAG TCTATTATAG TCACATAGAT AATGGTGCCA CGTGTTTTCT GATTTGGTGA 2340
GCTCAGACTT GGTGCTTCCC TATCCACAGC CCCCACCCCT TGTTTTTCAA GATACTATTA 2400
TTATATTTTC ACAGACTTTT GAAGCACAAA TTTATTGGCA TTTAATATTG GACATCTGGG 2460
CCCTTGGAAG TACAAATCTA AGGAAAAACC AACCCACTGT GTAAGTGACT CATCTTCCTG 2520
TTGTTCCAAT TCTGTGGGTT TTTGATTCAA CGGTGCTATA ACCAGGGTCC TGGGTGACAG 2580
GGAGATACAT GAGCACCATG TGTCATCACA GACACTTACA CATACTTGAA ACTTGGAATA 2640
AAAGAAAGAT TTATGAAACG TGTCTGTGTT TCCTTTGACC CACAGCACCT GGGCCCTGAG 2700
CAGCAGGCTT CCTATGTTCA GTGGCCAGAA GCAGAGCTTC AGGTACATTC GTGGTTTTCT 2760
CCGGTGGACA TGGGTCCTCA GATCCCCTCC AGCCCAGTGT GGCCACCAGG GCACCTCCTT 2820
CAATAGACTC CAAAAGGGGC AGCTCCTACC ATCTGGGAGA AGCAATCTAA GGAGATCACA 2880
AAAAGTAACG GAACAGGAGT CATAATCTTT CTTGAACTCC TGTGGTTTTT ACTGAAACTT 2940
GTCAGAAGGC ATAGGAGTTG TGCGAGGGCT GGATGGGAAG TCTAGATTTA AACAGCCACC 3000
AGGCAGCTTA TCAAAGCAAG AGGGCATCCG TTCACAGGAC AGGGGCTCCC AGCAATTCCC 3060
AGTGGCAGTG GGGGGTGGCT GGCCCAAGCC CCAAGTCACC CAGACACAGG GGACTTCCCC 3120
TTGTGTCAAC AGCATGCTAG GGCCCAGCAA ACTAGAGGGT AGGTAGGACC ACCTTGGCAC 3180
CAACTCCACT CAAACCAC 3198

Name: 287 Len: 4231 Check: 177A

GGACAGGCGT GGCGGCCGGA GCCCCAGCAT CCCTGCTTGA GGTCCAGGAG CGGAGCCCGC 60
GGCCACCGCC GCCTGATCAG CGCGACCCCG GCCCGCGCCC GCCCCGCCCG GCAAGATGCT 120
GCCCGTGTAC CAGGAGGTGA AGCCCAACCC GCTGCAGGAC GCGAACATCT GCTCACGCGT 180
GTTCTTCTGG TGGCTCAATC CCTTGTTTAA AATTGGCCAT AAACGGAGAT TAGAGGAAGA 240
TGATATGTAT TCAGTGCTGC CAGAAGACCG CTCACAGCAC CTTGGAGAGG AGTTGCAAGG 300
GTTCTGGGAT AAAGAAGTTT TAAGAGCTGA GAATGACGCA CAGAAGCCTT CTTTAACAAG 360
AGCAATCATA AAGTGTTACT GGAAATCTTA TTTAGTTTTG GGAATTTTTA CGTTAATTGA 420
GGAAAGTGCC AAAGTAATCC AGCCCATATT TTTGGGAAAA ATTATTAATT ATTTTGAAAA 480
TTATGATCCC ATGGATTCTG TGGCTTTGAA CACAGCGTAC GCCTATGCCA CGGTGCTGAC 540
TTTTTGCACG CTCATTTTGG CTATACTGCA TCACTTATAT TTTTATCACG TTCAGTGTGC 600
TGGGATGAGG TTACGAGTAG CCATGTGCCA TATGATTTAT CGGAAGGCAC TTCGTCTTAG 660
TAACATGGCC ATGGGGAAGA CAACCACAGG CCAGATAGTC AATCTGCTGT CCAATGATGT 720
GAACAAGTTT GATCAGGTGA CAGTGTTCTT ACACTTCCTG TGGGCAGGAC CACTGCAGGC 780
GATCGCAGTG ACTGCCCTAC TCTGGATGGA GATAGGAATA TCGTGCCTTG CTGGGATGGC 840
AGTTCTAATC ATTCTCCTGC CCTTGCAAAG CTGTTTTGGG AAGTTGTTCT CATCACTGAG 900
GAGTAAAACT GCAACTTTCA CGGATGCCAG GATCAGGACC ATGAATGAAG TTATAACTGG 960
TATAAGGATA ATAAAAATGT ACGCCTGGGA AAAGTCATTT TCAAATCTTA TTACCAATTT 1020
GAGAAAGAAG GAGATTTCCA AGATTCTGAG AAGTTCCTGC CTCAGGGGGA TGAATTTGGC 1080
TTCGTTTTTC AGTGCAAGCA AAATCATCGT GTTTGTGACC TTCACCACCT ACGTGCTCCT 1140
CGGCAGTGTG ATCACAGCCA GCCGCGTGTT CGTGGCAGTG ACGCTGTATG GGGCTGTGCG 1200
GCTGACGGTT ACCCTCTTCT TCCCCTCAGC CATTGAGAGG GTGTCAGAGG CAATCGTCAG 1260

72

```
CATCCGAAGA ATCCAGACCT TTTTGCTACT TGATGAGATA TCACAGCGCA ACCGTCAGCT  1320
GCCGTCAGAT GGTAAAAAGA TGGTGCATGT GCAGGATTTT ACTGCTTTTT GGGATAAGGC  1380
ATCAGAGACC CCAACTCTAC AAGGCCTTTC CTTTACTGTC AGACCTGGCG AATTGTTAGC  1440
TGTGGTCGGC CCCGTGGGAG CAGGGAAGTC ATCACTGTTA AGTGCCGTGC TCGGGGAATT  1500
GGCCCCAAGT CACGGGCTGG TCAGCGTGCA TGGAAGAATT GCCTATGTGT CTCAGCAGCC  1560
CTGGGTGTTC TCGGGAACTC TGAGGAGTAA TATTTTATTT GGGAAGAAAT ATGAAAAGGA  1620
ACGATATGAA AAAGTCATAA AGGCTTGTGC TCTGAAAAAG GATTTACAGC TGTTGGAGGA  1680
TGGTGATCTG ACTGTGATAG GAGATCGGGG AACCACGCTG AGTGGAGGGC AGAAAGCACG  1740
GGTAAACCTT GCAAGAGCAG TGTATCAAGA TGCTGACATC TATCTCCTGG ACGATCCTCT  1800
CAGTGCAGTA GATGCGGAAG TTAGCAGACA CTTGTTCGAA CTGTGTATTT GTCAAATTTT  1860
GCATGAGAAG ATCACAATTT TAGTGACTCA TCAGTTGCAG TACCTCAAAG CTGCAAGTCA  1920
GATTCTGATA TTGAAAGATG GTAAAATGGT GCAGAAGGGG ACTTACACTG AGTTCCTAAA  1980
ATCTGGTATA GATTTTGGCT CCCTTTTAAA GAAGGATAAT GAGGAAAGTG AACAACCTCC  2040
AGTTCCAGGA ACTCCCACAC TAAGGAATCG TACCTTCTCA GAGTCTTCGG TTTGGTCTCA  2100
ACAATCTTCT AGACCCTCCT TGAAAGATGG TGCTCTGGAG AGCCAAGATA CAGAGAATGT  2160
CCCAGTTACA CTATCAGAGG AGAACCGTTC TGAAGGAAAA GTTGGTTTTC AGGCCTATAA  2220
GAATTACTTC AGAGCTGGTG CTCACTGGAT TGTCTTCATT TTCCTTATTC TCCTAAACAC  2280
TGCAGCTCAG GTTGCCTATG TGCTTCAAGA TTGGTGGCTT TCATACTGGG CAAACAAACA  2340
AAGTATGCTA AATGTCACTG TAAATGGAGG AGGAAATGTA ACCGAGAAGC TAGATCTTAA  2400
CTGGTACTTA GGAATTTATT CAGGTTTAAC TGTAGCTACC GTTCTTTTTG GCATAGCAAG  2460
ATCTCTATTG GTATTCTACG TCCTTGTTAA CTCTTCACAA ACTTTGCACA ACAAAATGTT  2520
TGAGTCAATT CTGAAAGCTC CGGTATTATT CTTTGATAGA AATCCAATAG GAAGAATTTT  2580
AAATCGTTTC TCCAAAGACA TTGGACACTT GGATGATTTG CTGCCGCTGA CGTTTTTAGA  2640
TTTCATCCAG ACATTGCTAC AAGTGGTTGG TGTGGTCTCT GTGGCTGTGG CCGTGATTCC  2700
TTGGATCGCA ATACCCTTGG TTCCCCTTGG AATCATTTTC ATTTTTCTTC GGCGATATTT  2760
TTTGGAAACG TCAAGAGATG TGAAGCGCCT GGAATCTACA ACTCGGAGTC CAGTGTTTTC  2820
CCACTTGTCA TCTTCTCTCC AGGGGCTCTG GACCATCCGG GCATACAAAG CAGAAGAGAG  2880
GTGTCAGGAA CTGTTTGATG CACACCAGGA TTTACATTCA GAGGCTTGGT TCTTGTTTTT  2940
GACAACGTCC CGCTGGTTCG CCGTCCGTCT GGATGCCATC TGTGCCATGT TTGTCATCAT  3000
CGTTGCCTTT GGGTCCCTGA TTCTGGCAAA AACTCTGGAT GCCGGGCAGG TTGGTTTGGC  3060
ACTGTCCTAT GCCCTCACGC TCATGGGGAT GTTTCAGTGG TGTGTTCGAC AAAGTGCTGA  3120
AGTTGAGAAT ATGATGATCT CAGTAGAAAG GGTCATTGAA TACACAGACC TTGAAAAAGA  3180
AGCACCTTGG GAATATCAGA AACGCCCACC ACCAGCCTGG CCCCATGAAG GAGTGATAAT  3240
CTTTGACAAT GTGAACTTCA TGTACAGTCC AGGTGGGCCT CTGGTACTGA AGCATCTGAC  3300
AGCACTCATT AAATCACAAG AAAAGGTTGG CATTGTGGGA AGAACCGGAG CTGGAAAAAG  3360
TTCCCTCATC TCAGCCCTTT TTAGATTGTC AGAACCCGAA GGTAAAATTT GGATTGATAA  3420
GATCTTGACA ACTGAAATTG GACTTCACGA TTTAAGGAAG AAAATGTCAA TCATACCTCA  3480
GGAACCTGTT TTGTTCACTG GAACAATGAG GAAAAACCTG GATCCCTTTA AGGAGCACAC  3540
GGATGAGGAA CTGTGGAATG CCTTACAAGA GGTACAACTT AAAGAAACCA TTGAAGATCT  3600
TCCTGGTAAA ATGGATACTG AATTAGCAGA ATCAGGATCC AATTTTAGTG TTGGACAAAG  3660
ACAACTGGTG TGCCTTGCCA GGGCAATTCT CAGGAAAAAT CAGATATTGA TTATTGATGA  3720
AGCGACGGCA AATGTGGATC CAAGAACTGA TGAGTTAATA CAAAAAAAAA TCCGGGAGAA  3780
ATTTGCCCAC TGCACCGTGC TAACCATTGC ACACAGATTG AACACCATTA TTGACAGCGA  3840
CAAGATAATG GTTTTAGATT CAGGAAGACT GAAAGAATAT GATGAGCCGT ATGTTTTGCT  3900
GCAAAATAAA GAGAGCCTAT TTTACAAGAT GGTGCAACAA CTGGGCAAGG CAGAAGCCGC  3960
TGCCCTCACT GAAACAGCAA AACAGGTATA CTTCAAAAGA AATTATCCAC ATATTGGTCA  4020
CACTGACCAC ATGGTTACAA ACACTTCCAA TGGACAGCCC TCGACCTTAA CTATTTTCGA  4080
GACAGCACTG TGAATCCAAC CAAAATGTCA AGTCCGTTCC GAAGGCATTT TCCACTAGTT  4140
TTTGGACTAT GTAAACCACA TTGTACTTTT TTTTACTTTG GCAACAAATA TTTATACATA  4200
CAAGATGCTA GTTCATTTGA ATATTTCTCC C                                  4231
Name: 288                Len:  4337  Check:      EBC
GGCTGTGACA CTAATACTTA ACATGGTGGT TGTGTCTCTT TATGCCTGAC TCAATCAGTT    60
GAAATCCAAA AGTAAGTTCT TCCTTGATTT ACCTGCCAAG ACCTGAGTTC AGGCCCTCAG   120
GGTGCTGAGG TTTTCCTTTG TGGGAGAAAA TGCCACCAGA TGGCGGGTTA GGATTGCAGC   180
TCCGTTGAAG GCGCGGCCCC CGCTCCCGAA CCCCCGGCGA CCACCCCGTA ACAACCCCCC   240
CACATCGGGA ATAACACACC GGAGACTTTT GGGGGGAAAC TAGGTCGATG GTCGGCGGCG   300
CCGGATGGGC AGCTGAGGAT TGCCTTTGAG GTTATTTTAA AAGTTTTGAG TTGTACAGCA   360
CTTGATTATT TTGCTGCATT GTGAAAGGAC CTCTCCAGCA ATGATTACTT CAGAATTACC   420
AGTGTTACAG GATTCAACTA ATGAAACTAC TGCCCATTCC GATGCTGGCA GCGAGCTTGA   480
AGAAACAGAG GTCAAAGGAA AAAGAAAAAG GGGTCGTCCT GGCCGGCCTC CATCTACAAA   540
TAAGAAACCT CGAAAATCTC CAGGTGAGAA GAGCAGAATT GAAGCTGGAA TTAGAGGAGC   600
AGGCCGTGGA AGAGCTAATG GACACCCTCA ACAGAATGGG GAAGGGGAGC CTGTCACATT   660
ATTTGAGGTG GTGAAACTGG GGAAAAGTGC AATGCAGTCC GTGGTGGATG ACTGGATTGA   720
```

```
ATCATATAAA CAAGACAGGG ACATCGCACT TCTGGATTTA ATCAACTTTT TTATCCAGTG   780
TTCAGGATGT CGAGGTACTG TGAGAATAGA GATGTTTCGA AATATGCAGA ATGCAGAAAT   840
CATCAGAAAA ATGACTGAAG AATTTGATGA GGACAGTGGT GATTATCCTC TTACCATGCC   900
TGGACCTCAG TGGAAAAAAT TTCGTTCAAA CTTTTGTGAA TTTATTGGAG TCCTGATTCG   960
ACAGTGTCAG TATAGCATAA TTTATGATGA GTATATGATG GACACAGTAA TCTCCCTTTT  1020
GACGGGTTTG TCAGACTCCC AGGTCAGAGC TTTTAGGCAT ACAAGTACCC TGGCTGCCAT  1080
GAAGCTCATG ACTGCTCTGG TGAATGTTGC CTTAAACCTC AGTATTCATC AGGATAATAC  1140
CCAGAGACAA TATGAAGCCG AGAGAAATAA AATGATTGGG AAGAGAGCCA ATGAAAGGTT  1200
GGAGTTACTA CTTCAGAAAC GCAAAGAGCT GCAAGAAAAT CAGGATGAAA TCGAAAATAT  1260
GATGAACTCT ATTTTTAAGG GTATATTTGT TCATAGATAC CGTGATGCTA TTGCTGAGAT  1320
TAGAGCCATT TGTATTGAAG AAATTGGAGT ATGGATGAAA ATGTATAGTG ATGCCTTCCT  1380
AAATGACAGT TACCTAAAAT ATGTTGGCTG GACTCTTCAT GACAGGCAAG GGGAAGTCAG  1440
GCTGAAGTGT TTGAAAGCTC TGCAGAGTCT ATATACCAAT AGAGAATTAT TCCCCAAATT  1500
GGAACTATTC ACTAACCGAT TCAAGGATCG CATTGTATCA ATGACACTTG ATAAAGAATA  1560
TGATGTTGCT GTGGAAGCTA TTCGATTGGT TACTCTGATA CTTCATGGAA GTGAAGAAGC  1620
TCTTTCCAAT GAAGACTGTG AAAATGTTTA CCACTTGGTG TACTCGGCAC ATCGCCCTGT  1680
TGCTGTGGCA GCTGGAGAGT TCCTTCACAA AAAGCTATTT AGCAGACATG ACCCACAAGC  1740
AGAAGAAGCA TTAGCAAAGA GGAGGGGAAG AAACAGCCCG AATGGAAACC TCATTAGGAT  1800
GCTGGTTCTT TTCTTTCTTG AAAGTGAGTT ACATGAACAT GCAGCCTACT TGGTGGACAG  1860
TTTATGGGAG AGCTCTCAAG AACTGTTGAA AGACTGGGAA TGTATGACAG AGTTGCTATT  1920
AGAAGAACCT GTTCAAGGAG AGGAAGCAAT GTCTGATCGT CAAGAGAGTG CTCTTATAGA  1980
GCTAATGGTT TGTACAATTC GTCAAGCTGC TGAGGCACAT CCTCCAGTGG GAAGGGGTAC  2040
CGGCAAGAGA GTGCTAACTG CCAAAGAAAG GAAAACTCAA ATTGATGATA GAAACAAATT  2100
GACTGAACAT TTTATTATTA CACTTCCTAT GTTACTGTCA AAGTATTCTG CAGATGCAGA  2160
GAAGGTAGCA AACTTGCTAC AAATCCCACA GTATTTTGAT TTAGAAATCT ACAGCACAGG  2220
TAGAATGGAA AAGCATCTGG ATGCTTTATT AAAACAGATT AAGTTTGTTG TGGAGAAACA  2280
CGTAGAATCA GATGTTCTAG AAGCCTGCAG TAAAACCTAT AGTATCTTAT GCAATGAAGA  2340
ATATACCATC CAGAACAGAG TTGACATAGC TCGAAGCCAG CTGATTGATG AGTTTGTAGA  2400
TCGATTCAAT CATTCTGTGG AAGACCTATT GCAAGAGGGA GAAGAAGCTG ATGATGATGA  2460
CATTTACAAT GTTCTTTCTA CATTAAAGCG GTTAACTTCT TTTCAGAATG CACATGATCT  2520
CACAAAATGG GATCTCTTTG GTAATTGCTA CAGATTATTG AAGACTGGAA TTGAACATGG  2580
AGCCATGCCA GAACAGATAG TCGTGCAAGC ACTGCAGTGT TCCCATTATT CGATTCTTTG  2640
GCAGTTGGTG AAAATTACTG ATGGCTCTCC TTCCAAAGAG GATTTGTTGG TATTGAGGAA  2700
AACGGTGAAA TCCTTTTTGG CTGTTTGCCA GCAGTGCCTG TCTAATGTTA ATACTCCAGT  2760
GAAAGAACAG GCTTTCATGT TACTCTGTGA TCTTCTGATG ATTTTCAGCC ACCAATTAAT  2820
GACAGGTGGC AGAGAGGGCC TTCAGCCTTT GGTGTTCAAT CCAGATACTG GACTCCAATC  2880
TGAACTCCTC AGTTTTGTGA TGGATCACGT TTTTATTGAC CAAGACGAGG AGAACCAGAG  2940
CATGGAGGGT GATGAAGAAG ATGAAGCTAA TAAAATTGAG GCCTTACATA AAAGAAGGAA  3000
TCTACTTGCT GCTTTCAGCA AACTTATCAT TTATGACATT GTTGACATGC ATGCAGCTGC  3060
AGACATCTTC AAACACTACA TGAAGTATTA CAATGACTAT GGTGATATTA TTAAGGAAAC  3120
ACTGAGTAAA ACCAGGCAGA TTGATAAAAT TCAGTGTGCC AAGACTCTCA TTCTCAGTTT  3180
GCAACAGTTA TTTAATGAAC TTGTTCAAGA GCAAGGTCCC AACCTAGATA GGACATCTGC  3240
CCATGTCAGT GGCATTAAAG AACTGGCACG TCGCTTTGCC CTTACATTTG GATTGGACCA  3300
GATTAAGACA CGAGAAGCAG TTGCCACACT TCACAAGGAT GGCATAGAGT TTGCATTTAA  3360
ATACCAAAAT CAGAAAGGAC AAGAGTATCC ACCTCCTAAT CTGGCTTTTC TTGAAGTACT  3420
AAGTGAATTT TCTTCTAAAC TTCTTCGACA GGACAAAAAG ACAGTTCATT CATACCTAGA  3480
GAAATTCCTT ACCGAGCAGA TGATGGAAAG GAGGGAGGAT GTATGGCTTC CACTCATCTC  3540
CTATAGAAAT TCATTAGTCA CTGGGGGTGA AGATGATAGA ATGTCTGTGA ACAGTGGAAG  3600
TAGCAGCAGC AAAACCTCAT CAGTAAGGAA TAAGAAAGGA CGACCTCCAC TTCATAAAAA  3660
ACGAGTAGAA GATGAGAGTC TGGATAACAC ATGGCTAAAC AGGACTGACA CCATGATTCA  3720
GACTCCTGGC CCCCTGCCAG CACCACAACT CACATCCACT GTACTGCGGG AGAACAGTCG  3780
GCCCATGGGA GACCAGATTC AAGAACCTGA GTCTGAACAT GGTTCTGAAC CAGACTTTTT  3840
ACACAATCCT CAGATGCAGA TCTCTTGGTT AGGCCAGCCG AAGTTAGAAG ACTTAAATCG  3900
GAAGGACAGA ACAGGAATGA ACTACATGAA AGTGAGAACT GGAGTGAGGC ATGCTGTTCG  3960
GGGTCTAATG GAGGAAGATG CTGAGCCCAT CTTTGAAGAT GTGATGATGT CATCCCGAAG  4020
CCAGTTAGAA GATATGAATG AAGAATTTGA GGACACCATG GTTATTGATC TGCCTCCATC  4080
AAGAAATCGG CGAGAGAGAG CTGAGCTAAG GCCAGACTTC TTTGACTCTG CAGCTATCAT  4140
AGAAGATGAT TCAGGATTTG GAATGCCTAT GTTCTGAAGT CTGAAGAAAA TTTACAAATC  4200
TGGAACTCTA TTATTTAGAG CTAGAGGCCT ATATACTGTG ATAGCTTGTA TGGGGAAAAA  4260
CAACTTTTGA TGTGATCTGA TTTGTTTTTT AATCAAATGA TTAAGGTCAA TCCCTTTTTG  4320
CAGTGACAGA AGAGGAG                                                 4337
Name: 289                Len:  1090  Check:       C2
GCTCCGGGAG ACTTCCGGCA GGGCGGGCGC GGGGTCTTGG CGAACGGTCT TCGGAAGCGG     60
```

74

CGGCGGCGCG ATGACCACGC TACGGGCCTT TACCTGCGAC GACCTGTTCC GCTTCAACAA 120
CATTAACTTG GATCCACTTA CAGAAACTTA TGGGATTCCT TTCTACCTAC AATACCTCGC 180
CCACTGGCCA GAGTATTTCA TTGTTGCAGA GGCACCTGGT GGAGAATTAA TGGGTTATAT 240
TATGGGTAAA GCAGAAGGCT CAGTAGCTAG GGAAGAATGG CACGGGCACG TCACAGCTCT 300
GTCTGTTGCC CCAGAATTTC GACGCCTTGG TTTGGCTGCT AAACTTATGG AGTTACTAGA 360
GGAGATTTCA GAAAGAAAGG GTGGATTTTT TGTGGATCTC TTTGTAAGAG TATCTAACCA 420
AGTTGCAGTT AACATGTACA AGCAGTTGGG CTACAGTGTA TATAGGACGG TCATAGAGTA 480
CTATTCGGCC AGCAACGGGG AGCCTGATGA GGACGCTTAT GATATGAGGA AAGCACTTTC 540
CAGGGATACT GAGAAGAAAT CCATCATACC ATTACCTCAT CCTGTGAGGC CTGAAGACAT 600
TGAATAACCC TGGGCAGTGG TTCTTAGGCA GATACTCTAG ATGCTTTATG GACAATATTA 660
TTTTCATTGG ATGATTCTGG AGCTCTATTA GGAGAAAAGT AATCATTTTA GGTCTTAAAG 720
ACTTCAAGAA AATACAGGTT ATCAATTTAT TTTAAATCTC ATTGTTTCCA GTTAGCAATA 780
TCATACCTAT TAAAGCTGTT CATTGTAACA AAATTCAATC AAAAAGGCAG CTAGGTCAGA 840
AGGAAACATA CCACTCTCAT GGTTCATAGT ATTCACTGTA TGTATGCTAG GGAAAAGACT 900
TGCTCCAGTC TCCTCCTCAG TTCTGTGCCT GAGAACCACT GCTGCATATA TTTGTTTTTA 960
AATTTTGTAT TGAACTGTTA ATTGAAGCTT TAAAAGCATA TATGAAATGT ATAAATCTAA 1020
GATGTATAAT ACATTATTGA CTCTAAAAAA AAAAAAAAAA AAAAAAAAAA AAAAAAAAAA 1080
AAAAAAAAAA 1090

Name: 29 Len: 558 Check: 1348

GAGTGNGNCG GNGGTGGCGC CTGCGGACCT AACTAGCTCC AGGTTAGGCC GAGCTTTGNG 60
GGAAAGCAGC GGACTTGAAA ATACTGGAAA TCTGTCCGGA TCCAAATTAT TTTGCAAGCC 120
AGATGAGTAA CCAGAGGGCA TGAAAGGTTG AGAACATTTG ACTTCCCTGC AAACCTTGGT 180
ATAGATCACT TCCTTTTCTG TAGGAAAGGA AAGGCACCAA AGAGCACAAT GAGTACAAGA 240
AAGCGTCGTG GTGGAGCAAT AAATTCTAGA CAAGCTCAGA AGCGAACTCG GGAAGCAACC 300
TCCACCCCCG AGATCTCCTT GGAAGCAGAA CCCATAGAAC TCGTGGAAAC TGCTGGAGAT 360
GAAATTGTGG ACCTCACTTG TGAATCTTTA GAGCCTGTGG TGGTTGATCT GACTCACAAT 420
GACTCTGTTG TGATTGTTGA CGAAAGAAGA AGACCAAGGA GGAATGCTAG GAGGCTGCCC 480
CAGGACCATG CTGACAGCTG TGTGGTGAGC AGTGACGATG AGGAGTTGTC CAGGGACAGA 540
GACGTATATG TGACTACC 558

Name: 290 Len: 2150 Check: 214D

CTCGAGCCAC GAAGGCCCCG CTGTCCTGTC TAGCAGATAC TTGCACGGTT TACAGAAATT 60
CGGTCCCTGG GTCGTGTCAG GAAACTGGAA AAAAGGTCAT AAGCATGAAG CGCAGTTCAG 120
TTTCCAGCGG TGGTGCTGGC CGCCTCTCCA TGCAGGAGTT AAGATCCCAG GATGTAAATA 180
AACAAGGCCT CTATACCCCT CAAACCAAAG AGAAACCAAC CTTTGGAAAG TTGAGTATAA 240
ACAAACCGAC ATCTGAAAGA AAAGTCTCGC TATTTGGCAA AAGAACTAGT GGACATGGAT 300
CCCGGAATAG TCAACTTGGT ATATTTTCCA GTTCTGAGAA AATCAAGGAC CCGAGACCAC 360
TTAATGACAA AGCATTCATT CAGCAGTGTA TTCGACAACT CTGTGAGTTT CTTACAGAAA 420
ATGGTTATGC ACATAATGTG TCCATGAAAT CTCTACAAGC TCCCTCTGTT AAAGACTTCC 480
TGAAGATCTT CACATTTCTT TATGGCTTCC TGTGCCCCTC ATACGAACTT CCTGACACAA 540
AGTTTGAAGA AGAGGTTCCA AGAATCTTTA AAGACCTTGG GTATCCTTTT GCACTATCCA 600
AAAGCTCCAT GTACACAGTG GGGGCTCCTC ATACATGGCC TCACATTGTG GCAGCCTTAG 660
TTTGGCTAAT AGACTGCATC AAGATACATA CTGCCATGAA AGAAAGCTCA CCTTTATTTG 720
ATGATGGGCA GCCTTGGGGA GAAGAAACTG AAGATGGAAT TATGCATAAT AAGTTGTTTT 780
TGGACTACAC CATAAAATGC TATGAGAGTT TTATGAGTGG TGCCGACAGC TTTGATGAGA 840
TGAATGCAGA GCTGCAGTCA AAACTGAAGG ATTTATTTAA TGTGGATGCT TTTAAGCTGG 900
AATCATTAGA AGCAAAAAAC AGAGCATTGA ATGAACAGAT TGCAAGATTG GAACAAGAAA 960
GAGAAAAAGA ACCGAATCGT CTAGAGTCGT TGAGAAAACT GAAGGCTTCC TTACAAGGAG 1020
ATGTTCAAAA GTATCAGGCA TACATGAGCA ATTTGGAGTC TCATTCAGCC ATTCTTGACC 1080
AGAAATTAAA TGGTCTCAAT GAGGAAATTG CTAGAGTAGA ACTAGAATGT GAAACAATAA 1140
AACAGGAGAA CACTCGACTA CAGAATATCA TTGACAACCA GAAGTACTCA GTTGCAGACA 1200
TTGAGCGAAT AAATCATGAA AGAAATGAAT TGCAGCAGAC TATTAATAAA TTAACCAAGG 1260
ACCTGGAAGC TGAACAACAG AAGTTGTGGA ATGAGGAGTT AAAATATGCC AGAGGCAAAG 1320
AAGCGATTGA AACACAATTA GCAGAGTATC ACAAATTGGC TAGAAAATTA AAACTTATTC 1380
CTAAAGGTGC TGAGAATTCC AAAGGTTATG ACTTTGAAAT TAAGTTTAAT CCCGAGGCTG 1440
GTGCCAACTG CCTTGTCAAA TACAGGGCTC AAGTTTATGT ACCTCTTAAG GAACTCCTGA 1500
ATGAAACTGA AGAAGAAATT AATAAAGCCC TAAATAAAAA AATGGGTTTG GAGGATACTT 1560
TAGAACAATT GAATGCAATG ATAACAGAAA GCAAGAGAAG TGTGAGAACT CTGAAAGAAG 1620
AAGTTCAAAA GCTGGATGAT CTTTACCAAC AAAAAATTAA GGAAGCAGAG GAAGAGGATG 1680
AAAAATGTGC CAGTGAGCTT GAGTCCTTGG AGAAACACAA GCACCTGCTA GAAAGTACTG 1740
TTAACCAGGG GCTCAGTGAA GCTATGAATG AATTAGATGC TGTTCAGCGG GAATACCAAC 1800
TAGTTGTGCA AACCACGACT GAAGAAAGAC GAAAAGTGGG AAATAACTTG CAACGTCTGT 1860
TAGAGATGGT TGCTACACAT GTTGGGTCTG TAGAGAAACA TCTTGAGGAG CAGATTGCTA 1920
AAGTTGATAG AGAATATGAA GAATGCATGT CAGAAGATCT CTCGGAAAAT ATTAAAGAGA 1980

75

TTAGAGATAA GTATGAGAAG AAAGCTACTC TAATTAAGTC TTCTGAAGAA TGAAGATAAA 2040
ATGTTGATCA TGTATATATA TCCATAGTGA ATAAAATTGT CTCAGTAAAA AAAAAAAAAA 2100
AAAAAAAAAA AAAAAAAAAA AAAAAAAAAA AAAAAAAAAA AAAAAAAAAA 2150

Name: 291 Len: 3800 Check: 2389

GTCGGAGGCA GAGGCGGCGG CGGCAGGCGG GGAGCAAGAG GCCCAGGCGA CTGCGGCGGC 60
TGGGGAAGGA GACAATGGGC CGGGCCTGCA GGGCCCATCT CGGGAGCCAC CGCTGGCCGA 120
CAACTTGTAC GACGAAGACG ACGACGACGA GGGCGAGGAG GAGGAAGAGG CGGCGGCGGC 180
GGCGATTGGG TACCGAGATA ACCTTCTGTT CGGTGATGAA ATTATCACTA ATGGTTTTCA 240
TTCCTGTGAA AGTGATGAGG AGGATAGAGC CTCACATGCA AGCTCTAGTG ACTGGACTCC 300
AAGGCCACGG ATAGGTCCAT ATACTTTTGT TCAGCAACAT CTTATGATTG GCACAGATCC 360
TCGAACAATT CTTAAAGATT TATTGCCGGA AACAATACCT CCACCTGAGT TGGATGATAT 420
GACACTGTGG CAGATTGTTA TTAATATCCT TTCAGAACCA CCAAAAAGGA AAAAAAGAAA 480
AGATATTAAT ACAATTGAAG ATGCCGTGAA ATTACTGCAA GAGTGCAAAA AAATTATAGT 540
TCTAACTGGA GCTGGGGTGT CTGTTTCATG TGGAATACCT GACTTCAGGT CAAGGGATGG 600
TATTTATGCT CGCCTTGCTG TAGACTTCCC AGATCTTCCA GATCCTCAAG CGATGTTTGA 660
TATTGAATAT TTCAGAAAAG ATCCAAGACC ATTCTTCAAG TTTGCAAAGG AAATATATCC 720
TGGACAATTC CAGCCATCTC TCTGTCACAA ATTCATAGCC TTGTCAGATA AGGAAGGAAA 780
ACTACTTCGC AACTATACCC AGAACATAGA CACGCTGGAA CAGGTTGCGG GAATCCAAAG 840
GATAATTCAG TGTCATGGTT CCTTTGCAAC AGCATCTTGC CTGATTTGTA AATACAAAGT 900
TGACTGTGAA GCTGTACGAG GAGATATTTT TAATCAGGTA GTTCCTCGAT GTCCTAGGTG 960
CCCAGCTGAT GAACCGCTTG CTATCATGAA ACCAGAGATT GTGTTTTTTG GTGAAAATTT 1020
ACCAGAACAG TTTCATAGAG CCATGAAGTA TGACAAAGAT GAAGTTGACC TCCTCATTGT 1080
TATTGGGTCT TCCCTCAAAG TAAGACCAGT AGCACTAATT CCAAGTTCCA TACCCCATGA 1140
AGTGCCTCAG ATATTAATTA ATAGAGAACC TTTGCCTCAT CTGCATTTTG ATGTAGAGCT 1200
TCTTGGAGAC TGTGATGTCA TAATTAATGA ATTGTGTCAT AGGTTAGGTG GTGAATATGC 1260
CAAACTTTGC TGTAACCCTG TAAAGCTTTC AGAAATTACT GAAAAACCTC CACGAACACA 1320
AAAAGAATTG GCTTATTTGT CAGAGTTGCC ACCCACACCT CTTCATGTTT CAGAAGACTC 1380
AAGTTCACCA GAAAGAACTT CACCACCAGA TTCTTCAGTG ATTGTCACAC TTTTAGACCA 1440
AGCAGCTAAG AGTAATGATG ATTTAGATGT GTCTGAATCA AAAGGTTGTA TGGAAGAAAA 1500
ACCACAGGAA GTACAAACTT CTAGGAATGT TGAAAGTATT GCTGAACAGA TGGAAAATCC 1560
GGATTTGAAG AATGTTGGTT CTAGTACTGG GGAGAAAAAT GAAAGAACTT CAGTGGCTGG 1620
AACAGTGAGA AAATGCTGGC CTAATAGAGT GGCAAAGGAG CAGATTAGTA GGCGGCTTGA 1680
TGGTAATCAG TATCTGTTTT TGCCACCAAA TCGTTACATT TTCCATGGCG CTGAGGTATA 1740
TTCAGACTCT GAAGATGACG TCTTATCCTC TAGTTCTTGT GGCAGTAACA GTGATAGTGG 1800
GACATGCCAG AGTCCAAGTT TAGAAGAACC CATGGAGGAT GAAAGTGAAA TTGAAGAATT 1860
CTACAATGGC TTAGAAGATG AGCCTGATGT TCCAGAGAGA GCTGGAGGAG CTGGATTTGG 1920
GACTGATGGA GATGATCAAG AGGCAATTAA TGAAGCTATA TCTGTGAAAC AGGAAGTAAC 1980
AGACATGAAC TATCCATCAA ACAAATCATA GTGTAATAAT TGTGCAGGTA CAGGAATTGT 2040
TCCACCAGCA TTAGGAACTT TAGCATGTCA AAATGAATGT TTACTTGTGA ACTCGATAGA 2100
GCAAGGAAAC CAGAAAGGTG TAATATTTAT AGGTTGGTAA AATAGATTGT TTTTCATGGA 2160
TAATTTTTAA CTTCATTATT TCTGTACTTG TACAAACTCA ACACTAACTT TTTTTTTTTT 2220
AAAAAAAAAA AGGTACTAAG TATCTTCAAT CAGCTGTTGG GTCAAGACTA ACTTTCTTTT 2280
AAAGGTTCAT TTGTATGATA AATTCATATG TGTATATATA ATTTTTTTTG TTTTGTCTAG 2340
TGAGTTTCAA CATTTTTAAA GTTTTCAAAA AGCCATCGGA ATGTTAAATT AATGTAAAGG 2400
GACAGCTAAT CTAGACCAAA GAATGGTATT TTCACTTTTC TTTGTAACAT TGAATGGTTT 2460
GAAGTACTCA AAATCTGTTA CGCTAAACTT TTGATTCTTT AACACAATTA TTTTTAAACA 2520
CTGGCATTTT CCAAAACTGT GGCAGCTAAC TTTTTAAAAT CTCAAATGAC ATGCAGTGTG 2580
AGTAGAAGGA AGTCAACAAT ATGTGGGGAG AGCACTCGGT TGTCTTTACT TTTAAAAGTA 2640
ATACTTGGTG CTAAGAATTT CAGGATTATT GTATTTACGT TCAAATGAAG ATGGCTTTTG 2700
TACTTCCTGT GGACATGTAG TAATGTCTAT ATTGGCTCAT AAAACTAACC TGAAAAACAA 2760
ATAAATGCTT TGGAAATGTT TCAGTTGCTT TAGAAACATT AGTGCCTGCC TGGATCCCCT 2820
TAGTTTTGAA ATATTTGCCA TTGTTGTTTA AATACCTATC ACTGTGGTAG AGCTTGCATT 2880
GATCTTTTCC ACAAGTATTA AACTGCCAAA ATGTGAATAT GCAAAGCCTT TCTGAATCTA 2940
TAATAATGGT ACTTCTACTG GGGAGAGTGT AATATTTTGG ACTGCTGTTT TCCATTAATG 3000
AGGAGAGCAA CAGGCCCCTG ATTATACAGT TCCAAAGTAA TAAGATGTTA ATTGTAATTC 3060
AGCCAGAAAG TACATGTCTC CCATTGGGAG GATTTGGTGT TAAATACCAA ACTGCTAGCC 3120
CTAGTATTAT GGAGATGAAC ATGATGATGT AACTTGTAAT AGCAGAATAG TTAATGAATG 3180
AAACTAGTTC TTATAATTTA TCTTTATTTA AAAGCTTAGC CTGCCTTAAA ACTAGAGATC 3240
AACTTTCTCA GCTGCAAAAG CTTCTAGTCT TTCAAGAAGT TCATACTTTA TGAAATTGCA 3300
CAGTAAGCAT TTATTTTTCA GACCATTTTT GAACATCACT CCTAAATTAA TAAAGTATTC 3360
CTCTGTTGCT TTAGTATTTA TTACAATAAA AAGGGTTTGA AATATAGCTG TTCTTTATGC 3420
ATAAAACACC CAGCTAGGAC CATTACTGCC AGAGAAAAAA ATCGTATTGA ATGGCCATTT 3480
CCCTACTTAT AAGATGTCTC AATCTGAATT TATTTGGCTA CACTAAAGAA TGCAGTATAT 3540

```
TTAGTTTTCC ATTTGCATGA TGTTTGTGTG CTATAGATGA TATTTTAAAT TGAAAAGTTT  3600
GTTTTAAATT ATTTTTACAG TGAAGACTGT TTTCAGCTCT TTTTATATTG TACATAGTCT  3660
TTTATGTAAT TTACTGGCAT ATGTTTTGTA GACTGTTTAA TGACTGGATA TCTTCCTTCA  3720
ACTTTTGAAA TACAAAACCA GTGTTTTTTA CTTGTACACT GTTTTAAAGT CTATTAAAAT  3780
TGTCATTTGA CTTTTTTCTG                                              3800

Name: 292              Len:  1731  Check:     2078
GGGGGAGGCT GTGATGGGTT GACAGGTGCG TGACAGTGGG AGCTGCTCTC GGCACAAGCA    60
TGTACGGCAA AGGCAAGAGT AACAGCAGCG CCGTCCCGTC CGACAGCCAG GCCCGGGAGA   120
AGTTAGCACT CTACGTATAT GAATATCTGC TCCATGTAGG AGCTCAGAAA TCAGCTCAAA   180
CATTTTTATC AGAGATAAGA TGGGAAAAAA ACATCACATT GGGGGAACCA CCAGGATTCT   240
TACATTCTTG GTGGTGTGTA TTTTGGGATC TCTACTGTGC AGCTCCAGAG AGACGTGAAA   300
CATGTGAACA CTCAAGTGAA GCAAAAGCCT TCCATGATTA CAGTGCTGCA GCAGCTCCCA   360
GTCCAGTGCT AGGAAACATT CCCCCAGGAG ATGGCATGCC AGTAGGTCCT GTACCACCAG   420
GGTTCTTTCA GCCTTTTATG TCACCTCGGT ACCCTGGAGG TCCAAGGCCC CCATTGAGGA   480
TACCTAATCA GGCACTTGGA GGTGTCCCAG GAAGTCAGCC ATTACTCCCC AGAGGAATGG   540
ATCCAACTCG ACAACAAGGA CATCCAAATA TGGGTGGGCC AATGCAGAGA ATGACTCCTC   600
CAAGAGGAAT GGTGCCCTTA GGACCACAGA ACTATGGAGG TGCAATGAGA CCCCCACTGA   660
ATGCTTTAGG TGGCCCTGGA ATGCCTGGAA TGAACATGGG TCCAGGTGGT GGTAGACCTT   720
GGCCAAACCC AACAAATGCC AATTCAATAC CATACTCCTC AGCATCTCCT GGGAATTATG   780
TAGGTCCTCC AGGAGGTGGA GGGCCACCAG GAACACCCAT CATGCCTAGT CCAGCAGATT   840
CAACCAACTC TGGTGATAAC ATGTATACTT TAATGAATGC AGTACCTCCT GGACCTAACA   900
GACCTAATTT TCCAATGGGC CCTGGGTCAG ATGGTCCCAT GGGTGGATTA GGAGGAATGG   960
AGTCACATCA CATGAATGGC TCTTTAGGCT CAGGAGATAT GGACAGTATT TCCAAGAATT  1020
CTCCCAATAA TATGAGCCTG AGTAATCAAC CGGGCACTCC AAGGGATGAT GGCGAAATGG  1080
GGGGAAATTT CTTAAATCCT TTTCAGAGTG AGAGTTACTC CCCTAGCATG ACAATGAGCG  1140
TGTGATCCAT TACCAAGTCT CCTCATGAAA ACCACAGTGA GTCAGCCCTT CACAGAACTA  1200
CTACGGAAGA AAATTATTCA TCACAGTGTA CAGTTAAACA AAGGAATCTC AGTCACACCA  1260
AACCAACCTT TTCATTTCCT GCTCTCTCCC CTCTTTTGTG AAGAAAGCGG GTCCAGATGT  1320
GATTCAAACA ACTGTACGGA GTGGCATATT AGAATTGCCC TAAACTGAAC TGCAAATAAT  1380
TATGTGTGTA TGTATATGTG TGGGAAAGAG AATGTACTGT ATATGTGTAT GTTATACAGA  1440
CATATACACA TACATACATT GACCCACAGG ACATTGTAAA ATATTATCAC ATGACATCTT  1500
AAGTAGAAAT AAGTAGGGAC TTTTATTCCA TCCTTTTTTT CACGTTTACA TTTTAATTAT  1560
TACAAGTTGC TCCTGCCCCC TCCCTGAACT ATTTTGTGCT GTGTATATCA CTGCTTTATA  1620
TAAGTTATTT TTTAAGGTGA ACTCAGATGT TATGGTTTTG TATATGTCTG CAATCATGGA  1680
TAGGAATAAA ATCGCTTATT TGAGAGCTTT CAAAAAAAAA AAAAAAAAAA C           1731

Name: 293              Len:  3416  Check:     2559
GGTTTACACG TACCTCCGCC TCATCGTGGA CCACCATGGG ACTGCCCAGC TCCAGGCCCT    60
GCGACAGAAG GAAGTAGACT TCTGCATCTC ACTGCTTCGG GAACGGTTCA TGGAATGTCT   120
GATGATTGGT CGGGATCTCG TAAGACTACT TCAGAATGTT GCTAGGATAC CAGAATTTGA   180
ACTGCTTTGG AAAGATATTA TCCATAATCC TCAGGCCTTG AGTCCTCAGT TCACAGGTAT   240
CCTACAGCTT CTTCAGTCAA GAACATCCCG AAAATTCCTA GCATGTCGTC TAACCCCGGA   300
CATGGAGACT AAACTCCTCT TCATGACATC CCGGGTGCGA TTTGGTCAAC AAAAGCGATA   360
CCAAGATTGG TTCCAGCGCC AGTACCTGTC AACTCCAGAT AGTCAGTCTC TGCGCTGTGA   420
CCTCATTCGC TACATCTGTG GGGTAGTCCA CCCTTCTAAT GAAGTACTGA GTTCAGATAT   480
CTTGCCCCGG TGGGCCATCA TTGGTTGGCT CCTGACAACG TGCACGTCAA ATGTCGCTGC   540
CTCCAATGCC AAGCTGGCTT TGTTTTATGA CTGGCTGTTC TTTAGTCCAG ACAAGGATAG   600
CATTATGAAC ATAGAACCAG CCATCCTGGT CATGCACCAC TCCATGAAGC CCCACCCAGC   660
CATCACTGCC ACACTCCTGG ACTTCATGTG CCGCATCATT CCCAACTTCT ATCCACCATT   720
GGAGGGCCAC GTGCGGCAGG GTGTCTTTTC CTCCCTCAAC CACATTGTGG AGAAACGGGT   780
CTTGGCGTGT AAAAAGTATT GGCTCTACCT CAGACTGCTG GGCATATGTC TTCTTGGCTC   840
TTAGAGGAAT TTCTCTCCTG CCATCGTATT ACAAAGACAC CTAGCTCCCC TGTTTGACAA   900
CCCTAAGTTG GATAAGGAGC TGCGGGCAAT GCTGAGAGAG AAGTTTCCTG AGTTCTGCAG   960
CTCACCCTCC CCACCTGTGG AAGTCAAAAT TGAGGAGCCA GTTTCCATGG AGATGGACAA  1020
CCATATGTCG GATAAGGATG AGAGTTGCTA TGACAATGCA GAGGCAGCCT TCAGTGACGA  1080
TGAAGAGGAT CTCAACAGCA AAGGAAAGAA GAGGGAGTTT CGCTTCCACC CTATCAAGGA  1140
GACAGTTGTG GAGGAGCCAG TTGATATCAC CCCTTACCTT GACCAGTTGG ATGAGTCCCT  1200
GAGGGACAAA GTACTCCAGC TACAGAAGGG GAGTGATACG GAGGCCCAGT GTGAGGTCAT  1260
GCAGGAAATT GTGGACCAGG TCCTGGAGGA AGACTTTGAC TCGGAGCAGC TGTCTGTCCT  1320
TGCTTCCTGC CTACAGGAGC TCTTCAAGGC CCACTTTCGA GGGGAGGTCC TGCCTGAGGA  1380
GATTACTGAG GAGTCCCTGG AGGAGTCTGT AGGAAAGCCT CTGTACCTAA TATTTAGGAA  1440
CCTATGTCAG ATGCAGGAAG ACAACAGCAG CTTCTCTCTA CTTCTAGACC TTCTCTCCGA  1500
GCTATATCAG AAGCAGCCCA AGATTGGCTA CCACCTGCTC TACTACCTGA GGGCCAGCAA  1560
AGCCGCCGCA GGGAAGATGA ACCTGTACGA GTCATTTGCC CAGGCTACCC AGCTGGGCGA  1620
```

TCTGCACACC TGCCTGATGA TGGACATGAA GGCCTGCCAG GAGGACGATG TGCGGCTCCT 1680
GTGCCACCTC ACGCCCTCCA TCTACACAGA GTTTCCAGAT GAAACCTTGA GGAGCGGAGA 1740
GCTGCTGAAC ATGATCGTGG CTGTTATTGA CTCTGCACAG CTCCAGGAGC TGGTCTGCCA 1800
CGTGATGATG GGTAACCTGG TTATGTTTCG AAAAGACTCA GTTCTCAACA TACTCATTCA 1860
GAGCCTAGAC TGGGAGACCT TTGAGCAGTA TTGTGCCTGG CAGCTCTTTC TGGCCCACAA 1920
TATTCCCCTG GAGACCATAA TCCCCATCCT GCAGCACCTC AAATACAAGG AGCACCCAGA 1980
GGCCCTGTCC TGCCTACTGC TTCAACTCCG AAGAGAAAAG CCCAGCGAGG AGATGGTGAA 2040
GATGGTGCTG AGCCGGCCCT GCCATCCTGA CGACCAGTTC ACCACCAGCA TCCTGCGGCA 2100
CTGGTGCATG AAACATGACG AGCTGCTGGC CGAGCACATC AAGTCCCTGC TCATCAAGAA 2160
CAACAGCCTG CCTCGCAAGA GACAGAGCCT GAGGAGCTCT AGCAGCAAGC TGGCCCAGCT 2220
GACTCTGGAG CAGATCCTGG AGCACTTGGA CAATCTGCGG CTCAACCTGA CCAACACCAA 2280
GCAGAACTTT TTTAGCCAGA CGCCAATTCT CCAGGCGCTG CAGCATGTCC AAGCGAGCTG 2340
TGACGAAGCC CACAAGATGA AATTCAGTGA TCTCTTCTCC CTGGCGGAGG AATATGAGGA 2400
CTCTTCCACC AAGCCACCCA AGAGCCGGCG AAAAGCAGCT CTGTCCAGCC CTCGAAGTCG 2460
AAAGAATGCC ACACAGCCCC CCAATGCCGA AGAAGAGTCG GGCTCCAGCA GTGCTTCAGA 2520
AGAGGAAGAC ACGAAACCGA AGCCTACCAA GCGGAAACGA AAAGGGTCCT CTGCAGTGGG 2580
CTCTGACAGT GACTGAGGCC CTGCATTCCC CATCCCACCC CCGGCTGGAC TGCCCTCTCC 2640
TTCTTGGTGA TTCAAAGGTT AATAGAGGCT GAGGAGATTG CAGGGGAAAC ACCCTTGCTG 2700
CATCCCCAAG CTCCCCCGGT GGAAGGAGGA GCTTTCTCCT CTGGCTGAGT TTGAGAAGCT 2760
GCCATGCAGC CCCTAGCCCC TTCCCTCCTC CTGGGGCCTC CAGCCCCTCA CACTGCTGTT 2820
CCCAGTGATA TTTGGGATCT GACTGAAGCC AGAGGCTCTG TAAAATCAGA CCATAGTGGA 2880
AGTCCTCAGC CCCCTGGCCC CTTCCGCAAT CTCCTCCCCC AGTCTCCCAA AGAGCCATTT 2940
CAACAGAGAA GGGAAATGAC AAAGGGGCAG CTGGCCAGAT AAGCTAGGAT GAGAGCAGAG 3000
ACTCAGTGTG TGGGTGTCCC TTCCTGCTTC CCCTTCAGGT CTTGGTTTGT TCTGAAGGGA 3060
CGTTTTATAG TCACTATCCA CATGCCAGTG TGAAATGGGC ATCTATGACG TGGTCAGGGT 3120
GTCCATTCCT AATCATGGGG CAGATGCCAC AAGCATTCAG AAAGGAGTCT GAAAGGGTGG 3180
CCACAGCCCC ACGTGGTGTG CCCTGGAGGC TTAGGTTGGT CTGAGGTTGG CACCTCAATC 3240
TACACCAGAG CCCAGGGAGT CCCAGAGGCA AGTTTCACAG AATTGTCAAA TGATCCCATT 3300
TCCTTGAGTC TGTTTTTTTT TTTTGTTTTT TTTTTGGCAG AGATAATCGT 3360
GTCTTAAAAG TTGTTTTTAA ATGACAATAA AACAAGCCAG AATGTCAAAA AAAAAA 3416

Name: 294 Len: 1927 Check: 12B5

GTAAACCAGC CGGAGCGGCG CGGCAGCGGC AGGACCGCCG TGGCGCCTAG AGTAGCGACC 60
CGGGGGGAGC GCGGGGCGAC GCTGGCTGCA GGGACCCGGT GACAGCGTGA GAGGTTCGCA 120
GAGTACTAGG TTTTGACAAG CTTGCATCAT GCGTGAGTAT AAGCTAGTCG TTCTTGGCTC 180
AGGAGGCGTT GGAAAGTCTG CTTTGACTGT ACAATTTGTT CAAGGAATTT TTGTAGAAAA 240
ATACGATCCT ACGATAGAAG ATTCTTATAG AAAGCAAGTT GAAGTAGATG CACAACAGTG 300
TATGCTTGAA ATCTTGGATA CTGCAGGAAC GGAGCAATTT ACAGCAATGA GGGATTTATA 360
CATGAAAAAT GGACAAGGAT TTGCATTAGT TTATTCCATC ACAGCACAGT CCACATTTAA 420
CGATTTACAA GACCTGAGAG AACAGATTCT TCGAGTTAAA GACACTGATG ATGTTCCAAT 480
GATTCTTGTT GGTAATAAGT GTGACTTGGA AGATGAAAGA GTTGTAGGGA AGGAACAAGG 540
TCAAAATCTA GCAAGACAAT GGAACAACTG TGCATTCTTA GAATCTTCTG CAAAATCAAA 600
AATAAATGTT AATGAGATCT TTTATGACCT AGTGCGGCAA ATTAACAGAA AAACTCCAGT 660
GCCTGGGAAG GCTCGCAAAA AGTCATCATG TCAGCTGCTT TAATATACTA AATGCATTGT 720
AGCTCTGAGC CAGGTCTGAA GAACTGTTGC CCAATTCAAC AGTGCCAGCA TTCCAACTTT 780
GTTAAACCTA CCAACATCTT AAATGGACTT TCCTGTGGTG GTACCCTTTA AGAGGCGGAT 840
GAAAGCTACT ATATCAGTTT GCACATTCTA ATCACTTTCC AGTATCACAA GAGAGATTTT 900
TACTTATATA ATAGTCCTAG AGTTTGCAGC TGGTAAAACC AGAGGCTACA TCCAGTATTA 960
CTGCTAAGAG ACATTCTTCA TCCACCAATG TTGTACATGT ATGAAAATGG TGTACTGTAT 1020
ACTTTAACAT GCCCCATACT TTGTATTGGA GAGTACAATA ATGTAAATCC TAAAAGCACC 1080
ACTATTTTAG CATAATAAAA GAAAGTCCAA AGAGCTCCTA TATAGACTAC TCCAGATAAC 1140
TTCGCTTCTT TGATACTTGT AGCTTATTGT AATTTTTTTT AAGAAATTCA AGGTCATTAT 1200
TATTGTACAA AATAAGCGCT TTGATTAACA CAGCTATATA GTTTTTTTAA TTTTTAAAAA 1260
ACCTGTGGAG ACGGTGATCT TGTCTTTAAA ACATGATAGT CCTTTCAGTA TAATGTCTTA 1320
GATTAAAGAC GTTGCCTTTA ATATCTGTTG GGAAGGAAAT GTCCAGACTT TTCAAATCTC 1380
TTATTATATG TTTCCTTTTT TTGTTTACAT AGGGAACAAT GTTTATAGTC GTGTGTACAG 1440
TGGGGGTCTA CAACAAGAAG TGTATATTTT CAAACAATTT TTTAATGATT TAACAATTTT 1500
TGTAAATCAT TTTCAGGCTT CTGCAGCTGT AGATTCTCAC TGTGAATCCC TTGCTTGCTC 1560
ATGCATAAGT GTATTTGCAA TACCAAATAT ACAGGTTTAG TATTTTTGCC TGTTAGTGAT 1620
TGTTTCACAT GTGTAACGTT TTGGTTGAGA TGTTAAATGG TGGACGAGTA CTGTGGATGT 1680
GAATGTGGGA AGTAATTTTA ATCATATGTA ATTGGTCACA AGGCCTAATT TGCAGTAACT 1740
ATTGCTGTTT TATTTAACAA TGCCTTGTTG CTTTGTATGC ATTAATGTTT GGATGTAAAG 1800
ATTGTGTGTC TATCCAACAG GGAGCCACAG TATTTAAATT GACCAACCTA ATGTTACAAC 1860
TACTTTGAGG TGGCCAAATG TAAACTAAAA GCCTTAATTA AAGTGGTGCA ATTTTGTAAA 1920

78

1927

AAAAAAA

Name: 295 Len: 1453 Check: 4EC

GGCTGTTGGC GGCGGTTGGC TCGGCGCGGG AGTCGGCTGC ACGTGCGGGC GGGGGCGATG 60
CGTCACTGAT CGGAGGAACG AGAATGAATA TGACTCAAGC CCGGGTTCTG GTGGCTGCAG 120
TGGTGGGGTT GGTGGCTGTC CTGCTCTACG CCTCCATCCA CAAGATTGAG GAGGGCCATC 180
TGGCTGTGTA CTACAGGGGA GGAGCTTTAC TAACTAGCCC CAGTGGACCA GGCTATCATA 240
TCATGTTGCC TTTCATTACT ACGTTCAGAT CTGTGCAGAC AACACTACAA ACTGATGAAG 300
TTAAAAATGT GCCTTGTGGA ACAAGTGGTG GGGTCATGAT CTATATTGAC CGAATAGAAG 360
TGGTTAATAT GTTGGCTCCT TATGCAGTGT TTGATATCGT GAGGAACTAT ACTGCAGATT 420
ATGACAAGAC CTTAATCTTC AATAAAATCC ACCATGAGCT GAACCAGTTC TGCAGTGCCC 480
ACACACTTCA GGAAGTTTAC ATTGAATTGT TTGATCAAAT AGATGAAAAC CTGAAGCAAG 540
CTCTGCAGAA AGACTTAAAC CTCATGGCCC CAGGTCTCAC TATACAGGCT GTGCGTGTTA 600
CAAAACCCAA AATCCCAGAA GCCATAAGAA GAAATTTTGA GTTAATGGAG GCTGAGAAGA 660
CAAAACTCCT TATAGCTGCA CAGAAACAAA AGGTTGTGGA AAAAGAAGCT GAGACAGAGA 720
GGAAAAAGGC AGTTATAGAA GCAGAGAAGA TTGCACAAGT GGCAAAAATT CGGTTTCAGC 780
AGAAAGTGAT GGAAAAAGAA ACTGAAAAGC GCATTTCTGA AATCGAAGAT GCTGCATTCC 840
TGGCCCGAGA GAAAGCGAAA GCAGATGCTG AATATTATGC TGCACACAAA TATGCCACCT 900
CAAACAAGCA CAAGTTGACC CCGGAATATC TGGAGCTCAA AAAGTACCAG GCCATTGCTT 960
CTAACAGTAA GATCTATTTT GGCAGCAACA TCCCTAACAT GTTCGTGGAC TCCTCATGTG 1020
CTTTGAAATA TTCAGATATT AGGACTGGAA GAGAAAGCTC ACTCCCCTCT AAGGAGGCTC 1080
TTGAACCCTC TGGAGAGAAC GTCATCCAAA ACAAAGAGAG CACAGGTTGA TGCAAGAGGT 1140
GGAAATGTTC TCCATATCAA GATGTGGCCC AAGGGGTTAA GTGGGAACAA TCATTATACG 1200
GACTCTTCAG ATTTACAGAG AACTTACACT TCATCTGTTC CACCTCTCCT GCGATAGTCC 1260
TGGGTGCTCC ACTGATTGGA GGATAGAGCC AGCTGTCTGA CACACAAATG GTCTTTTCAG 1320
CCACAGTCTT ATCAAGTATC CTATATGTAT TCCTTTCTAA ACTGCTACTC ATGAATGAGG 1380
AAAGTCTGAT GCTAAGATAC TGCCTGCACT GGAATGTTAA ACACTAAATA TATAACAAGC 1440
TGTGTTTTCG TAA 1453

Name: 296 Len: 3120 Check: 678

CCGCAGAGGG CCGGGGCTAC GGGGCAGCCC CGGGCGATGA GGGGCCGGCG TTGACCGGGA 60
AGAGCGGGCA CCGCGGCAGT GGCTCCGAGG GGACCCGCGA TGGCAGCGCC CTGAGAGGAG 120
GCTCCAGGCA GGGCGGGCTG CGCTGGCAGC GGCCGCTGAG GTGCTGGCCG GCCGGCTGGC 180
TGGCGACGGG GGCAGAAGCG ACGAGAGGCG CGCTCGGCAC CCGCACCCCC GTGCCCCCGC 240
CTCAGTTGTC TAAACTTCGG GCTCTCTTCC ACCGTCTGCG CGCCCAGAGT CAACAACTTC 300
TTCACCCCCC TCCGCCCCCG CCCTTCCCTC CGTCAGCCCC GGGAGCTCGC CGCGGCCCGG 360
GGACCAGGAA CCTCCAGCGC TGAGATGTGG CCGTGAGGCG TTGGCGGGCG CCGAGGAGAA 420
GCTCGGCGGC GTCCCGGGGC CGGAGGGCCG TGGGGCCGGG GCGCAGGGGC GCGAGCACCC 480
CGCGCCTCTC CCCCGCCTCC TCCTGCCGTC TCCGCCGCTG CCCGTGCCTT GCAAGCAGCA 540
GCCGGAGCTG CCAAGCGTCA GGGCCGCGGA GATGTCGTCG TCGTCGCCGC CGGCGGGGGC 600
TGCCAGCGCC GCCATCTCGG CCTCGGAGAA AGTGGACGGC TTCACCCGGA AATCGGTCCG 660
CAAGGCGCAG AGGCAGAAGC GCTCCCAGGG CTCGTCGCAG TTTCGCAGCC AGGGCAGCCA 720
GGCAGAGCTG CACCCGCTGC CCCAGCTCAA AGATGCCACT TCAAATGAAC AACAAGAGCT 780
TTTCTGTCAG AAGTTGCAGC AGTGTTGTAT ACTGTTTGAT TTCATGGACT CTGTTTCAGA 840
CTTGAAGAGC AAAGAAATTA AAAGAGCAAC ACTGAATGAA CTGGTTGAGT ATGTTTCAAC 900
TAATCGTGGT GTAATTGTTG AATCAGCGTA TTCTGATATA GTAAAAATGA TCAGTGCTAA 960
CATCTTCCGT ACACTTCCTC CAAGTGATAA TCCAGATTTT GATCCAGAAG AGGATGAACC 1020
CACGCTTGAG GCCTCTTGGC CTCACATACA GTTGGTATAT GAATTCTTCT TGAGATTTTT 1080
GGAGAGCCCT GATTTCCAGC CTAGCATTGC AAAACGATAC ATTGATCAGA AATTCGTACA 1140
ACAGCTCCTG GAGCTTTTTG ATAGTGAAGA TCCCAGAGAA CGTGACTTCC TGAAGACTGT 1200
TCTGCACCGA ATTTATGGGA AATTTCTTGG ATTAAGAGCA TTCATCAGAA AACAAATTAA 1260
CAACATTTTC CTCAGGTTTA TATATGAAAC AGAACATTTC AATGGTGTTG CTGAACTTCT 1320
TGAAATATTA GGAAGTATTA TCAATGGCTT TGCATTGCCA CTGAAAGCAG AACATAAACA 1380
ATTTCTAATG AAGGTTCTTA TTCCTATGCA TACTGCAAAA GGATTAGCTT TGTTTCATGC 1440
TCAGCTAGCA TATTGTGTTG TACAGTTCCT GGAGAAAGAT ACAACACTAA CAGAGCCAGT 1500
GATCAGAGGA CTGCTGAAAT TTTGGCCAAA AACCTGCAGT CAGAAAGAGG TGATGTTTTT 1560
AGGAGAAATT GAAGAAATCT TAGATGTCAT TGAACCAACA CAGTTCAAAA AAATTGAAGA 1620
GCCACTTTTC AAGCAGATAT CCAAGTGTGT ATCCAGTTCT CATTTTCAGG TTGCAGAAAG 1680
GGCATTGTAC TTCTGGAATA ACGAATATAT TCTTAGTTTG ATTGAGGAGA ACATTGATAA 1740
AATTCTGCCA ATTATGTTTG CCAGTTTGTA CAAAATTTCC AAAGAACACT GGAATCCGAC 1800
CATTGTAGCA CTGGTATACA ATGTGCTGAA AACCCTAATG GAAATGAATG GCAAGCTTTT 1860
CGATGACCTT ACTAGCTCAT ACAAAGCTGA AAGACAGAGA GAGAAAAAGA AGGAATTGGA 1920
ACGTGAAGAA TTATGGAAAA AATTAGAGGA GCTAAAGCTA AAGAAAGCTC TAGAAAAACA 1980
GAATAGTGCT TACAACATGC ACAGTATTCT CAGCAATACA AGTGCCGAAT AAAAAAAAAG 2040
CCTCCCACCT CTGCCGGATA GGCAGAGTTT TGTATGCTTT TTTGAAATAT GTAAAAATTA 2100

```
CAAAACAAAC CTCATCAGTA TAATATAATT AAAAGGCCAA TTTTTTCTGG CAACTGTAAA  2160
TGGAAAAATA TATGGACTAA ACGTAGCCCT GTGCTGTATC ATGGCCATAG TATATTGTAA  2220
CCTTTGTCTA ATCATTGGAT TTATTGTGTC ACTTCTGAAG TTTCACAGAA ATGAATGAAT  2280
TTTATCATCT ATGATATGAG TGAGATAATT ATGGGAGTGG TAAGAATTAT GACTTGAATT  2340
CTTCTTTGAT TGTGTTGCAC ATAGATATGG TAGTCTGCTC TGTATATTTT TCCCTTTTAT  2400
AATGTGCTTT TCACACTGCT GCAAACCTTA GTTACATCCT AGGAAAAAAT ACTTCCTAAA  2460
ATAAAACTAA GGTATCATCC TTACCCTTCT CTTTGTCTCA CCCAGAAATA TGATGGGGGG  2520
AATTACCTGC CCTAACCCCT CCCTCAATAA ATACATTACT GTACTCTGGA ATTTAGGCAA  2580
AACCTTAAAT CTCCAGGCTT TTTAAAGCAC AAAATATAAA TAAAAGCTGG GAAAGTAAAC  2640
CAAAATTCTT CAGATTGTTC CTCATGAATA TCCCCCTTCC TCTGCAATTC TCCAGAGTGG  2700
TAACAGATGG GTAGAGGCAG CTCAGGTGAA TTACCCAGCT TGCCTCTCAA TTCATTCCTC  2760
CTCTTCCTCT CAAAGGCTGA AGGCAGGGCC TTTCCAGTCC TCACAACCTG TCCTTCACCT  2820
AGTCCCTCCT GACCCAGGGA TGGAGGCTTT GAGTCCCACA GTGTGGTGAT ACAGAGCACT  2880
AGTTGTCACT GCCTGGCTTT ATTTAAAGGA ACTGCAGTAG GCTTCCTCTG TAGAGCTCTG  2940
AAAAGGTTGA CTATATAGAG GTCTTGTATG TTTTTACTTG GTCAAGTATT TCTCACATCT  3000
TTTGTTATCA GAGTACCATT CCAATCTCTT AACTTGCAGT TGTGTGGAAA ACTGTTTTGT  3060
AATGAAAGAT CTTCATTGGG GGATTGAGCA GCATTTAATA AAGTCTATGT TTGTATTTTG  3120
```

Name: 297 Len: 1759 Check: 127B

```
CAGCCGTTGA GGGGACGGGC CTGCGTTCTC TCCTCCTTCC TCCCCGCCTC CAGCTGCCGG    60
CAGGACCTTT CTCTCGCTGC CGCTGGGACC CCGTGTCATC GCCCAGGCCG AGCACGATGC   120
CCCCTAAAAA GGGAGGTGAT GGAATTAAAC CACCCCCAAT CATTGGAAGA TTTGGAACCT   180
CACTGAAAAT TGGTATTGTT GGATTGCCAA ATGTTGGGAA ATCTACTTTC TTCAATGTGT   240
TAACCAATAG TCAGGCTTCA GCAGAAAACT TCCCGTTCTG CACTATTGAT CCTAATGAGA   300
GCAGAGTACC TGTGCCAGAT GAAAGGTTTG ACTTTCTTTG TCAATACCAC AAACCAGCAA   360
GCAAAATTCC TGCCTTTCTA AATGTGGTGG ATATTGCTGG CCTTGTGAAA GGAGCTCACA   420
ATGGGCAGGG CCTGGGGAAT GCTTTTTTAT CTCATATTAG TGCCTGTGAT GGCATCTTTC   480
ATCTAACACG TGCTTTTGAA GATGATGATA TCACGCACGT TGAAGGAAGT GTAGATCCTA   540
TTCGAGATAT AGAAATAATA CATGAAGAGC TTCAGCTTAA AGATGAGGAA ATGATTGGGC   600
CCATTATAGA TAAACTAGAA AAGGTGGCTG TGAGAGGAGG AGATAAAAAA CTAAAACCTG   660
AATATGATAT AATGTGCAAA GTAAAATCCT GGGTTATAGA TCAAAAGAAA CCTGTTCGCT   720
TCTATCATGA TTGGAATGAC AAAGAGATTG AAGTGTTGAA TAAACACTTA TTTTTGACTT   780
CAAAACCAAT GGTCTACTTG GTTAATCTTT CTGAAAAAGA CTACATTAGA AAGAAAAACA   840
AATGGTTGAT AAAAATTAAA GAGTGGGTGG ACAAGTATGA CCCAGGTGCT TTGGTCATTC   900
CTTTTAGTGG GGCCTTGGAA CTCAAGTTGC AAGAATTGAG TGCTGAGGAG AGACAGAAGT   960
ATCTGGAAGC GAACATGACA CAAAGTGCTT TGCCAAAGAT CATTAAGGCT GGGTTTGCAG  1020
CACTCCAACT AGAATACTTT TTCACTGCAG GCCCAGATGA AGTGCGTGCA TGGACCATCA  1080
GGAAAGGGAC TAAGGCTCCT CAGGCTGCAG GAAAGATTCA CACAGATTTT GAAAAGGGAT  1140
TCATTATGGC TGAAGTAATG AAATACGAAG ATTTTAAAGA GGAAGGTTCT GAAAATGCAG  1200
TCAAGGCTGC TGGAAAGTAC AGACAACAAG GCAGAAATTA TATTGTTGAA GATGGAGATA  1260
TTATCTTCTT CAAATTTAAC ACACCTCAAC AACCGAAGAA GAAATAAAAT TTAGTTATTG  1320
CTCAGATAAA CATACAACTT CCAAAAGGCA TCTGATTTTT AAAAAATTAA AATTTCTGAA  1380
AACCAATGCG ACAAATAAAG TTGGGGAGAT GGGAATCTTT GACAAACAAA TTATTTTTAT  1440
TTGTTTTAAA ATTAAAATAC TGTGTACCCC CCCCCCCCCA TGAAATGCAG GTTCACTAAA  1500
TGTGAACAGC TTTGCTTTTC ACGTGATTAA GACCCTACTC CAAATTGTAG AAGCTTTTCA  1560
GGAACCATAT TACTCTCATG ATACTTCATT AATCTCCATC ATGTATGCCA AGCCTGACAC  1620
ATTTGACAGT GAGGACAATG TGGCTTGCTC CTTTTTGAAT CTACAGATAA TGCATGTTTT  1680
ACAGTACTCC AGATGTCTAC ACTCAATAAA ACATTTGACA AAACCAAAAA AAAAAAAAAA  1740
AAAAAAAAAA AAAAAAAAA                                               1759
```

Name: 298 Len: 2374 Check: 1C94

```
GTCATGCAGT GCGCCGGAGA ACTGTGCTCT TTGAGGCCGA CGCTAGGGGC CCGGAAGGAA    60
ACTGCGAGGC GAAGGTGACC GGGGACCGAG CATTTCAGAT CTGCTCGGTA GACCTGGTGC   120
ACCACCACCA TGTTGGCTGC AAGGCTGGTG TGTCTCCGGA CACTACCTTC TAGGGTTTTC   180
CACCCAGCTT TCACCAAGGC CTCCCCTGTT GTGAAGAATT CCATCACGAA GAATCAATGG   240
CTGTTAACAC CTAGCAGGGA ATATGCCACC AAAACAAGAA TTGGGATCCG GCGTGGGAGA   300
ACTGGCCAAG AACTCAAAGA GGCAGCATTG GAACCATCGA TGGAAAAAAT ATTTAAAATT   360
GATCAGATGG GAAGATGGTT TGTTGCTGGA GGGGCTGCTG TTGGTCTTGG AGCATTGTGC   420
TACTATGGCT TGGGACTGTC TAATGAGATT GGAGCTATTG AAAAGGCTGT AATTTGGCCT   480
CAGTATGTCA AGGATAGAAT TCATTCCACC TATATGTACT TAGCAGGGAG TATTGGTTTA   540
ACAGCTTTGT CTGCCATAGC AATCAGCAGA ACGCCTGTTC TCATGAACTT CATGATGAGA   600
GGCTCTTGGG TGACAATTGG TGTGACCTTT GCAGCCATGG TTGGAGCTGG AATGCTGGTA   660
CGATCAATAC CATATGACCA GAGCCCAGGC CCAAAGCATC TTGCTTGGTT GCTACATTCT   720
GGTGTGATGG GTGCAGTGGT GGCTCCTCTG ACAATATTAG GGGGTCCTCT TCTCATCAGA   780
GCTGCATGGT ACACAGCTGG CATTGTGGGA GGCCTCTCCA CTGTGGCCAT GTGTGCGCCC   840
```

```
AGTGAAAAGT TTCTGAACAT GGGTGCACCC CTGGGAGTGG GCCTGGGTCT CGTCTTTGTG   900
TCCTCATTGG GATCTATGTT TCTTCCACCT ACCACCGTGG CTGGTGCCAC TCTTTACTCA   960
GTGGCAATGT ACGGTGGATT AGTTCTTTTC AGCATGTTCC TTCTGTATGA TACCCAGAAA  1020
GTATCAAGCG TGCAGAAGTA TCACCAATGT ATGGAGTTCA AAAATATGAT CCCATTAACT  1080
CGATGCTGAG TATCTACATG GATACATTAA ATATATTTAT GCGAGTTGCA ACTATGCTGG  1140
CAACTGGAGG CAACAGAAAG AAATGAAGTG ACTCAGCTTC TGGCTTCTCT GCTACATCAA  1200
ATATCTTGTT TAATGGGGCA GATATGCATT AAATAGTTTG TACAAGCAGC TTTCGTTGAA  1260
GTTTAGAAGA TAAGAAACAT GTCATCATAT TTAAATGTTC CGGTAATGTG ATGCCTCAGG  1320
TCTGCCTTTT TTTCTGGAGA ATAAATGCAG TAATCCTCTC CCAAATAAGC ACACACATTT  1380
TCAATTCTCA TGTTTGAGTG ATTTTAAAAT GTTTTGGTGA ATGTGAAAAC TAAAGTTTGT  1440
GTCATGAGAA TGTAAGTCTT TTTTCTACTT TAAAATTTAG TAGGTTCACT GAGTAACTAA  1500
AATTTAGCAA ACCTGTGTTT GCATATTTTT TTGGAGTGCA GAATATTGTA ATTAATGTCA  1560
TAAGTGATTT GGAGCTTTGG TAAAGGGACC AGAGAGAAGG AGTCACCTGC AGTCTTTTGT  1620
TTTTTTAAAT ACTTAGAACT TAGCACTTGT GTTATTGATT AGTGAGGAGC CAGTAAGAAA  1680
CATCTGGGTA TTTGGAAACA AGTGGTCATT GTTACATTCA TCTGCTGAAC TTAACAAAAC  1740
TGTTCATCCT GAAACAGGCA CAGGTGATGC ATTCTCCTGC TGTTGCTTCT CAGTGCTCTC  1800
TTTCCAATAT AGATGTGGTC ATGTTTGACT TGTACAGAAT GTTAATCATA CAGAGAATCC  1860
TTGATGGAAT TATATATGTG TGTTTTACTT TTGAATGTTA CAAAAGGAAA TAACTTTAAA  1920
ACTATTCTCA AGAGAAAATA TTCAAAGCAT GAAATATGTT GCTTTTTCCA GAATACAAAC  1980
AGTATACTCA TGAATTGCTA AGTGTTTTTT TATTTTTGCA TATTTATTGA ACTGTCTAAT  2040
TGAATACAGC TTGCTCTTGT CACCTCTTCA AGCTTTCAAG CCTTTATAGA AAAGCTTCTT  2100
TGTGGCTTAC ACTGGAAATT ATGAAAGCAG TTTTTCTCCT AAGACTTTTG GTTTCTCGCA  2160
TTGCCTCTCA GACTAAGCAC TAAAAAGCAA AGCAAAACAG AACTAGTTCT GTCTTAATGA  2220
AATATATCAA CCCAAAAGTG TAATGAGGAA AATGCTTCAT TAGTTTCCCC TAGCAGACTT  2280
TTACTTCTCT TACACTGCTA CACCATTACT TTCTTGAGAC ATTTGTAAGT CCTTTGATAC  2340
AGAAGAGTTA TATTTAGGAG GCTTTAATGA AGGG                               2374
Name: 299              Len:  5112  Check:     15A6
GTAGCTGGGG TGAGGCCGTC GTCGCCGCAC GGGCTGGTTG GGGCTGTGTC TGTGGGAGGC    60
GCCGGGGTGA TGGCGGTGGA GACTCTGTCC CCGGACTGGG AGTTTGACCG CGTTGACGAC   120
GGCTCGCAGA AAATTCATGC CGAAGTCCAA CTTAAGAATT ATGGGAAATT TCTTGAGGAG   180
TATACCTCTC AACTGAGAAG AATTGAGGAC GCTCTGGATG ACTCAATTGG AGATGTTTGG   240
GATTTCAATC TTGATCCTAT AGCATTAAAG CTTTTGCCTT ATGAACAGTC CTCTCTTTTG   300
GAACTCATAA AGACTGAAAA CAAGGTCTTA AACAAAGTCA TCACTGTTTA TGCTGCACTT   360
TGTTGTGAAA TCAAGAAATT AAAATATGAG GCTGAAACTA AATTTTACAA TGGTCTCTTG   420
TTTTATGGAG AAGGAGCTAC AGATGCCAGC ATGGTGGAAG GTGATTGCCA AATTCAAATG   480
GGGAGATTTA TTTCATTCTT ACAGGAACTG TCTTGCTTTG TTACGAGGTG CTATGAAGTG   540
GTGATGAACG TAGTCCACCA GTTGGCTGCC CTCTATATCA GTAACAAGAT TGCACCCAAA   600
ATTATAGAGA CAACTGGAGT TCATTTTCAG ACTATGTATG AGCACTTGGG AGAACTGCTA   660
ACAGTTTTGC TCACCCTGGA TGAAATTATT GATAATCATA TCACACTGAA AGACCACTGG   720
ACTATGTACA AAAGGTTACT GAAATCTGTC CATCACAATC CTTCAAAATT TGGAATTCAG   780
GAAGAAAAAT TAAAGCCATT TGAAAAGTTC TTGCTGAAGC TAGAAGGGCA ATTACTGGAT   840
GGAATGATAT TCCAGGCCTG TATAGAACAA CAATTTGATT CTCTCAATGG AGGAGTATCT   900
GTGTCAAAAA ATAGTACTTT TGCTGAGGAA TTTGCACATA GTATTCGGTC AATTTTTGCA   960
AATGTAGAAG CCAAACTTGG AGAACCTTCT GAAATTGACC AGAGAGACAA GTATGTTGGA  1020
ATTTGTGGAC TCTTTGTATT GCACTTTCAG ATTTTTCGAA CTATTGATAA AAAGTTTTAT  1080
AAGTCTTTAT TGGACATTTG TAAGAAGGTA CCAGCCATCA CTCTAACTGC TAATATTATT  1140
TGGTTTCCTG ATAATTTTCT GATCCAGAAA ATACCAGCAG CTGCCAAACT GCTAGACAGA  1200
AAAAGTCTTC AAGCCATTAA AATACACAGG GATACTTTTC TACAACAGAA AGCTCAATCA  1260
CTTACCAAAG ATGTACAGTC TTACTACGTC TTTGTGAGCT CATGGATGAT GAAAATGGAA  1320
TCTATTTTGT CTAAAGAGCA GAGAATGGAT AAATTTGCTG AAGATCTCAC CAATAGATGT  1380
AATGTTTTTA TACAGGGCTT CTTGTATGCA TATAGTATTA GTACCATTAT TAAAACCACA  1440
ATGAATCTCT ACATGTCCAT GCAAAAGCCA ATGACCAAAA CCTCAGTTAA GGCATTGTGC  1500
AGGCTTGTTG AACTTCTCAA GGCAATAGAG CATATGTTCT ACAGGAGAAG CATGGTTGTG  1560
GCTGATTCAG TTTCACATAT AACACAGCAC CTTCAACATC AGGCTCTTCA TTCTATTTCT  1620
GTGGCCAAGA AAAGAGTGAT TTCTGACAAA AAATACAGCG AACAGCGTCT TGATGTGCTC  1680
TCTGCTCTAG TTTTGGCTGA AAACACTCTA AATGGACCAA GCACAAAGCA ACGGCGACTT  1740
ATTGTTTCTT TGGCACTAAG TGTTGGCACA CAAATGAAAA CATTTAAAGA TGAAGAACTC  1800
TTTCCACTTC AAGTAGTCAT GAAAAAACTG GATCTTATTA GTGAACTTAG AGAACGAGTC  1860
CAAACACAAT GTGACTGTTG TTTTTTATAC TGGCATCGAG CTGTCTTCCC AATTTATTTA  1920
GATGATGTAT ATGAAAATGC TGTTGATGCA GCCAGATTAC ATTACATGTT CAGTGCTTTC  1980
CGCGACTGTG TACCTGCTAT GATGCATGCA AGGCATTTAG AGTCCTATGA GATACTTCTG  2040
GATTGCTATG ACAAGGAAAT TATGGAAATT TTAAATGAGC ATTTGCTGGA CAAATTATGC  2100
AAAGAAATAG AGAAAGATCT GCGACTTTCT GTGCATACTC ATTTAAAGCT GGATGACCGA  2160
```

8-1

AACCCTTTCA AAGTTGGCAT GAAAGACCTG GCTCTTTTTT TCTCTCTGAA TCCAATTCGG 2220
TTTTTCAATC GTTTCATTGA CATTCGGGCT TACGTAACTC ACTACCTAGA CAAGACTTTC 2280
TACAATCTAA CAACTGTAGC CCTTCATGAC TGGGCCACTT ATAGTGAGAT GAGAAACTTA 2340
GCTACTCAGC GTTATGGACT GGTTATGACA GAGGCACATC TTCCCAGTCA GACTTTGGAA 2400
CAGGGCCTTG ATGTTTTAGA AATTATGAGA AACATTCATA TATTTGTGTC CCGATACCTC 2460
TATAATCTCA ACAATCAGAT TTTTATTGAA CGAACAAGCA ATAACAAGCA TTTGAATACT 2520
ATTAATATTC GGCATATTGC TAATTCAATT CGAACACATG GCACGGGAAT TATGAATACA 2580
ACTGTTAATT TCACCTACCA GTTTTTGAAA AAGAAGTTCT ATATATTTCAG GGAAATTAAG 2640
TATGATGAAC ACATCAAATC CAGATTGATT AAAGATATTC GATTTTCAG GGAAATTAAG 2700
GACCAAAATG ATCATAAGTA TCCTTTTGAT AGAGCAGAAA AATTCAATCG AGGCATCAGA 2760
AAACTTGGAA TAACACCTGA GGGACAGAGC TACCTTGATC AATTCAGGCA ACTCATCAGC 2820
CAGATTGGTA ATGCTATGGG CTATGTACGA ATGATAAGAT CTGGTGGTCT TCATTGTAGC 2880
AGCAATGCCA TTAGATTTGT TCCTGATCTT GAAGATATTG TAAATTTTGA AGAACTAGTA 2940
AAAGAAGAAG GTCTTGCAGA AGAAACATTA AAAGCAGCAA GGCATTTGGA TTCAGTCCTC 3000
AGTGATCACA CACGAAATTC TGCCGAAGGC ACAGAATATT TCAAAATGCT TGTAGACGTT 3060
TTTGCTCCAG AATTTCGAAG GCCAAAGAAT ATACATCTCC GAAATTTCTA TATAATTGTT 3120
CCCCCTCTGA CCCTCAACTT TGTAGAGCAT TCCATTAGTT GCAAGGAAAA ATTAAATAAA 3180
AAAAATAAAA TTGGAGCTGC CTTTACTGAT GATGGCTTTG CCATGGGTGT GGCTTACATT 3240
CTAAAGCTTT TGGATCAGTA TCGGGAGTTT GATTCACTTC ACTGGTTCCA GTCTGTTAGA 3300
GAGAAATACC TGAAGGAGAT AAGAGCAGTT GCTAAGCAAC AGAATGTACA GTCAGCCAGT 3360
CAAGATGAAA AACTCTTACA AACCATGAAT CTCACTCAGA AGCGACTGGA TGTCTATCTA 3420
CAGGAATTTG AATTGCTGTA TTTCTCACTG AGCAGTGCAA GAATTTTCTT CAGAGCAGAC 3480
AAGACTGCGG CTGAAGAAAA CCAAGAAAAG AAAGAGAAGG AAGAAGAAAC TAAAACAAGC 3540
AATGGAGACC TGTCTGACAG CACTGTGTCT GCTGATCCTG TTGTGAAATG ATACGGATGG 3600
TATTCACTGC ACATATGATG AAATCATCAG AATTGTTAAA ACTTTTGCCA GTGGAATGGA 3660
TAAACTATTG ATGAATTGTT TCCTGGGTCA CATCTCTGGA AAATAGATGT TACAGTTCTT 3720
AAAGGCAGTG CTTTAAAGTG AAGTTCATTC TGTTTCCAAA GGCTCTACTT TCAAAGGTTA 3780
AGAATGAGAT TTTAAAATTG GATTTTTGCC TGGACTTGAG GGTACAAGAT GTTTCTATTT 3840
GAAGTGAAGT TATAAAAGGG CAAATCCAGA TTCATAAACT ATCACCTCGG ATTTCTTGTA 3900
ATCTACATGT TTGTAATTTG TATTTGCATA GATCTTTGAT CTATAGTTAT TTCAAGTCAT 3960
GGGAAATTCA ATGCATATAC TATATACAGC CAGTAAATAC ATGCTTAACA AAAGGAATGA 4020
GCCTGAAGTT CATAAAGAAT ACATATCAAT ATTCTTATAA AAGGAATATA TGAAGATGGC 4080
TTTGATACTA GAGGTGAGGC ACAAGTGTTT TATGTACTCT CAGTGTACAG TATAACTGAT 4140
GATCCTTCTT TCATTGTTAA TTTCATGTGA CTCACAAGAG CTGCTGATGT CTTTGATGAG 4200
ACATTTTATA ACTAGTTTAC ATTGCTTTGA GAACATTTAA CCTCCAACAG CTGCTTTAAA 4260
TTTAAGATTT ACTTAATACT CAGAAAATTC AGATAAAGCC ATAGAGTCCT GTTTGAAGCT 4320
TCACTTCTAT TTTGGTTGAA GGCATGATGT ATGATGTCAG AAAAAAAATT GAATGAATTA 4380
TTTCTACATC CAAACTCAGG TTTCTTCTAC ATTAGATTGA ATTGAAATTT TGGTGATGGT 4440
TTGGGTAGAC TTTTTTTTTA TATCAAGTAT AATTTAAAAC ATCAGATTAA ATAATTACAC 4500
TGTTCAGGCT TTTAAAAAAA TACCACTGTG AGAATAAAGC GCTAGTAAGA TACATCACTT 4560
ACTGATTTTA AAAATACAGA AAGATTTTGA GTAAATTTTG TGCCCAGCAA GCTGTTAGTT 4620
TTATTTTTGT AAAGGTATGT AAGTTATTAA ATGGTTAATC ATGGCCTTTT AAAAATAAAA 4680
TAAAGTGATA CCTTTACAAT GAAGACAAAA GTTTAAAACT TTCTAATACA AACACCATTT 4740
TGGGAAATGC TTGATTTTTT TCTATTGCAT TTGTCTGCTA AACATTTCTT TGGATAAATC 4800
CTGCAAATAC TTCTAACATT ATTCTTTGAT TCCAGCTTTT AGAATGGGTG TACAATGCCC 4860
TGTTTGTACT TAATGGTTAG GGTCAGGGTA ACTTGCCAGC CCAAGATAAA TACTTTAATC 4920
GTTAAAAGTC AGAAGAGACA GAATATGTAG GAAATGTTTT TTGTTTATTA TGTAAACATG 4980
GCTTACAGAA TTATGAACAG TGGATAGATT AAAGGCATTT AATATTTGTA ATTCATAATA 5040
ACTGTAGAAA TGGCCCTAAA GCATGCTGCA TAATTAATAA TTTATATTTT CATTATTATA 5100
AGTGTTTATA TT 5112

Name: 3 Len: 360 Check: 1BBA

GGCACGAGGC ATAGGGCTCG GCGTGGTTTC ACAGGTGGTT TCTTGGGCAA GATGGGCCCA 60
CCTTCAAGTA TTCTGGGATC AAGTTCACGT GCTTTGAATT TGTATTGTTG CAATTTCTCG 120
AGCTCCTCAG CCTCCAGCTC TGCTGTACTT TTGCAGGTCA CAGCCCGTGC ACGGTGTTTG 180
GTTTGCAGTA CAGGAGTCTG TGGGTCTCTG CAAATCTTGG TCACAGAAGA TTTGGAGGGT 240
AACAGGTTAA TATCATCCTT CTTGGCTCCT CAAATGATAT CTGTTAGGGG TTCGTTTATG 300
GAAGTCTTCA ACTTGCTGTG CAAGGTGGGC ACATNATGTA GAAACTGTTT CANCAAATGT 360

Name: 30 Len: 477 Check: 1EA7

CCAGTGTTCT AGTTACATTA ATGAGAACAG AAACATAAAC TATGACCTAG GGGTTTCTGT 60
TGGATAGCTT GTAATTAAGA ACGGAGAAAG AACAACAAAG ACATATTTTC CAGTTTTTTT 120
TTTCTTTACT TAAACTCTGA AAACAACAGA AACTTTGTCT TCCTACTCTT ACATTCTAAA 180
CCGATGAAAT CTTTAACAGA TTACACTTTA AATATCTACT CATCATTTTC TCTCTCAGAG 240
TCCTAGCTTG AGTTGCACTG CATGTATCNT GTGCATCTTG TTCTCTTCAT TTAATGCTGT 300

```
ACTGTTCTGC TGAGCTCTGA GGGACTATCT TGAGAGATGT AATGGAAGGA AAGCGTGGTG  360
TTAATCTGCG TACTGCTTAA GACAGTANTT CCATAATCAA TGATGGGTTC ATAGAGAAAC  420
TAAGTCCTAT GAACCTGACC TCCTTTATGG CTAATACGAC TAAGCAAGAA TNGAGGG     477

Name: 300                Len:  4834  Check:      F95
GATGTGGAGC TGGGGTCCCT GCAAGTCATG AACAAAACGA GAAAGATTAT GGAACATGGG    60
GGGGCCACCT TCATCAATGC CTTTGTGACT ACACCCATGT GCTGCCCGTC ACGGTCCTCC   120
ATGCTCACCG GGAAGTATGT GCACAATCAC AATGTCTACA CCAACAACGA GAACTGCTCT   180
TCCCCCTCGT GGCAGGCCAT GCATGAGCCT CGGACTTTTG CTGTATATCT TAACAACACT   240
GGCTACAGAA CAGCCTTTTT TGGAAAATAC CTCAATGAAT ATAATGGCAG CTACATCCCC   300
CCTGGGTGGC GAGAATGGCT TGGATTAATC AAGAATTCTC GCTTCTATAA TTACACTGTT   360
TGTCGCAATG GCATCAAAGA AAAGCATGGA TTTGATTATG CAAAGGACTA CTTCACAGAC   420
TTAATCACTA ACGAGAGCAT TAATTACTTC AAAATGTCTA AGAGAATGTA TCCCCATAGG   480
CCCGTTATGA TGGTGATCAG CCACGCTGCG CCCCACGGCC CCGAGGACTC AGCCCCACAG   540
TTTTCTAAAC TGTACCCCAA TGCTTCCCAA CACATAACTC CTAGTTATAA CTATGCACCA   600
AATATGGATA AACACTGGAT TATGCAGTAC ACAGGACCAA TGCTGCCCAT CCACATGGAA   660
TTTACAAACA TTCTACAGCG CAAAAGGCTC CAGACTTTGA TGTCAGTGGA TGATTCTGTG   720
GAGAGGCTGT ATAACATGCT CGTGGAGACG GGGGAGCTGG AGAATACTTA CATCATTTAC   780
ACCGCCGACC ATGGTTACCA TATTGGGCAG TTTGGACTGG TCAAGGGGAA ATCCATGCCA   840
TATGACTTTG ATATTCGTGT GCCTTTTTTT ATTCGTGGTC CAAGTGTAGA ACCAGGATCA   900
ATAGTCCCAC AGATCGTTCT CAACATTGAC TTGGCCCCCA CGATCCTGGA TATTGCTGGG   960
CTCGACACAC CTCCTGATGT GGACGGCAAG TCTGTCCTCA AACTTCTGGA CCCAGAAAAG  1020
CCAGGTAACA GGTTTCGAAC AAACAAGAAG GCCAAAATTT GGCGTGATAC ATTCCTAGTG  1080
GAAAGAGGCA AATTTCTACG TAAGAAGGAA GAATCCAGCA AGAATATCCA ACAGTCAAAT  1140
CACTTGCCCA AATATGAACG GGTCAAAGAA CTATGCCAGC AGGCCAGGTA CCAGACAGCC  1200
TGTGAACAAC CGGGGCAGAA GTGGCAATGC ATTGAGGATA CATCTGGCAA GCTTCGAATT  1260
CACAAGTGTA AAGGACCCAG TGACCTGCTC ACAGTCCGGC AGAGCACGCG GAACCTCTAC  1320
GCTCGCGGCT TCCATGACAA AGACAAAGAG TGCAGTTGTA GGGAGTCTGG TTACCGTGCC  1380
AGCAGAAGCC AAAGAAAGAG TCAACGGCAA TTCTTGAGAA ACCAGGGGAC TCCAAAGTAC  1440
AAGCCCAGAT TTGTCCATAC TCGGCAGACA CGTTCCTTGT CCGTCGAATT TGAAGGTGAA  1500
ATATATGACA TAAATCTGGA AGAAGAAGAA GAATTGCAAG TGTTGCAACC AAGAAACATT  1560
GCTAAGCGTC ATGATGAAGG CCACAAGGGG CCAAGAGATC TCCAGGCTTC CAGTGGTGGC  1620
AACAGGGGCA GGATGCTGGC AGATAGCAGC AACGCCGTGG GCCCACCTAC CACTGTCCGA  1680
GTGACACACA AGTGTTTTAT TCTTCCCAAT GACTCTATCC ATTGTGAGAG AGAACTGTAC  1740
CAATCGGCCA GAGCGTGGAA GGACCATAAG GCATACATTG ACAAAGAGAT TGAAGCTCTG  1800
CAAGATAAAA TTAAGAATTT AAGAGAAGTG AGAGGACATC TGAAGAGAAG GAAGCCTGAG  1860
GAATGTAGCT GCAGTAAACA AAGCTATTAC AATAAAGAGA AAGGTGTAAA AAAGCAAGAG  1920
AAATTAAAGA GCCATCTTCA CCCATTCAAG GAGGCTGCTC AGGAAGTAGA TAGCAAACTG  1980
CAACTTTTCA AGGAGAACAA CCGTAGGAGG AAGAAGGAGA GGAAGGAGAA GAGACGGCAG  2040
AGGAAGGGGG AAGAGTGCAG CCTGCCTGGC CTCACTTGCT TCACGCATGA CAACAACCAC  2100
TGGCAGACAG CCCCGTTCTG GAACCTGGGA TCTTTCTGTG CTTGCACGAG TTCTAACAAT  2160
AACACCTACT GGTGTTTGCG TACAGTTAAT GAGACGCATA ATTTTCTTTT CTGTGAGTTT  2220
GCTACTGGCT TTTTGGAGTA TTTTGATATG AATACAGATC CTTATCAGCT CACAAATACA  2280
GTGCACACGG TAGAACGAGG CATTTTGAAT CAGCTACACG TACAACTAAT GGAGCTCAGA  2340
AGCTGTCAAG GATATAAGCA GTGCAACCCA AGACCTAAGA ATCTTGATGT TGGAAATAAA  2400
GATGGAGGAA GCTATGACCT ACACAGAGGA CAGTTATGGG ATGGATGGGA AGGTTAATCA  2460
GCCCCGTCTC ACTGCAGACA TCAACTGGCA AGGCCTAGAG GAGCTACACA GTGTGAATGA  2520
AAACATCTAT GAGTACAGAC AAAACTACAG ACTTAGTCTG GTGGACTGGA CTAATTACTT  2580
GAAGGATTTA GATAGAGTAT TTGCACTGCT GAAGAGTCAC TATGAGCAAA ATAAAACAAA  2640
TAAGACTCAA ACTGCTCAAA GTGACGGGTT CTTGGTTGTC TCTGCTGAGC ACGCTGTGTC  2700
AATGGAGATG GCCTCTGCTG ACTCAGATGA AGACCCAAGG CATAAGGTTG GGAAAACACC  2760
TCATTTGACC TTGCCAGCTG ACCTTCAAAC CCTGCATTTG AACCGACCAA CATTAAGTCC  2820
AGAGAGTAAA CTTGAATGGA ATAACGACAT TCCAGAAGTT AATCATTTGA ATTCTGAACA  2880
CTGGAGAAAA ACCGAAAAAT GGACGGGGCA TGAAGAGACT AATCATCTGG AAACCGATTT  2940
CAGTGGCGAT GGCATGACAG AGCTAGAGCT CGGGCCCAGC CCCAGGCTGC AGCCCATTCG  3000
CAGGCACCCG AAAGAACTTC CCCAGTATGG TGGTCCTGGA AAGGACATTT TTGAAGATCA  3060
ACTATATCTT CCTGTGCATT CCGATGGAAT TTCAGTTCAT CAGATGTTCA CCATGGCCAC  3120
CGCAGAACAC CGAAGTAATT CCAGCATAGC GGGGAAGATG TTGACCAAGG TGGAGAAGAA  3180
TCACGAAAAG GAGAAGTCAC AGCACCTAGA AGGCAGCGCC TCCTCTTCAC TCTCCTCTGA  3240
TTAGATGAAA CTGTTACCTT ACCCTAAACA CAGTATTTCT TTTTAACTTT TTTATTTGTA  3300
AACTAATAAA GGTAATCACA GCCACCAACA TTCCAAGCTA CCCTGGGTAC CTTTGTGCAG  3360
TAGAAGCTAG TGAGCATGTG AGCAAGCGGT GTGCACACGG AGACTCATCG TTATAATTTA  3420
CTATCTGCCA AGAGTAGAAA GAAAGGCTGG GGATATTTGG GTTGGCTTGG TTTTGATTTT  3480
TTGCTTGTTT GTTTGTTTTG TACTAAAACA GTATTATCTT TTGAATATCG TAGGGACATA  3540
```

```
AGTATATACA TGTTATCCAA TCAAGATGGC TAGAATGGTG CCTTTCTGAG TGTCTAAAAC  3600
TTGACACCCC TGGTAAATCT TTCAACACAC TTCCACTGCC TGCGTAATGA AGTTTTGATT  3660
CATTTTTAAC CACTGGAATT TTTCAATGCC GTCATTTTCA GTTAGATGAT TTTGCACTTT  3720
GAGATTAAAA TGCCATGTCT ATTTGATTAG TCTTATTTTT TTATTTTTAC AGGCTTATCA  3780
GTCTCACTGT TGGCTGTCAT TGTGACAAAG TCAAATAAAC CCCCAAGGAC GACACACAGT  3840
ATGGATCACA TATTGTTTGA CATTAAGCTT TTGCCAGAAA ATGTTGCATG TGTTTTACCT  3900
CGACTTGCTA AAATCGATTA GCAGAAAGGC ATGGCTAATA ATGTTGGTGG TGAAAATAAA  3960
TAAATAAGTA AACAAAATGA AGATTGCCTG CTCTCTCTGT GCCTAGCCTC AAAGCGTTCA  4020
TCATACATCA TACCTTTAAG ATTGCTATAT TTTGGGTTAT TTTCTTGACA GGAGAAAAAG  4080
ATCTAAAGAT CTTTTATTTT CATCTTTTTT GGTTTTCTTG GCATGACTAA GAAGCTTAAA  4140
TGTTGATAAA ATATGACTAG TTTTGAATTT ACACCAAGAA CTTCTCAATA AAAGAAAATC  4200
ATGAATGCTC CACAATTTCA ACATACCACA AGAGAAGTTA ATTTCTTAAC ATTGTGTTCT  4260
ATGATTATTT GTAAGACCTT CACCAAGTTC TGATATCTTT TAAAGACATA GTTCAAAATT  4320
GCTTTTGAAA ATCTGTATTC TTGAAAATAT CCTTGTTGTG TATTAGGTTT TTAAATACCA  4380
GCTAAAGGAT TACCTCACTG AGTCATCAGT ACCCTCCTAT TCAGCTCCCC AAGATGATGT  4440
GTTTTTGCTT ACCCTAAGAG AGGTTTTCTT CTTATTTTTA GATAATTCAA GTGCTTAGAT  4500
AAATTATGTT TTCTTTAAGT GTTTATGGTA AACTCTTTTA AAGAAAATTT AATATGTTAT  4560
AGCTGAATCT TTTTGGTAAC TTTAAATCTT TATCATAGAC TCTGTACATA TGTTCAAATT  4620
AGCTGCTTGC CTGATGTGTG TATCATCGGT GGGATGACAG AACAAACATA TTTATGATCA  4680
TGAATAATGT GCTTTGTAAA AAGATTTCAA GTTATTAGGA AGCATACTCT GTTTTTTAAT  4740
CATGTATAAT ATTCCATGAT ACTTTTATAG AACAATTCTG GCTTCAGGAA AGTCTAGAAG  4800
CAATATTTCT TCAAATAAAA GGTGTTTAAA CTTT                              4834
Name: 301              Len:  4112  Check:     13B5
CAAGGCGCCT GCGACTCGGT CCCAGGTCGG CGGGCGGCGC GCGGCGGGCT CGCGCGGGGG    60
CCCCGGCGCG CCGGGCGGCG CAGTACGCAG CGCGCGGACC CACGCCACGG CCAGGAGCCC   120
AGAGCAGCGC GGCCACACTG CCCAGGGGTC GGCCCTCGGC CCCGGCGCTC GGAGCGCGGC   180
GGCTGCCTGG GCTTTAATGG CTGCTCCGCG GAGCAGCGCC TAGGGCTGGA AGGCGGCTGC   240
GGCTCAGGAA GTCACCCGAG CAAGCCTCCT TCGGGGCCGG CCGCACCCGC CGCGGCGCGC   300
TCCATGGGGG CGCGCTCCCC CCGGGCGGCC CGCTGACCCG GGACGCCGGG GCCCGCTCGC   360
TCGCCGGCCG CGCGTCCCGG CCATGAACTG AGCCCGCGGG CCAGCCCCGC GCCTGCTCCG   420
CCCGCGCCTT TCTTCTCGCG CCTCCTCCGC CCGCCGCCGG CGGGCCCGGC TCCCCGGGGG   480
CTGCGGCGCC CCGGGCTCGG CGGCCCGCGG GCCCCGGGGC GCGGGGCGGC GGCGGCGGGG   540
GGCGCGCGGC TCCGGGCGCG GCGCCTGCAC CATGAACTAC CAGCAGCAGC TGGCCAACTC   600
GGCTGCCATC CGGGCCGAGA TCCAGCGCTT CGAGTCGGTC CACCCCAACA TCTACTCCAT   660
CTACGAGCTG CTGGAGCGCG TGGAGGAGCC GGTGCTGCAG AACCAGATCC GGGAGCACGT   720
CATCGCCATC GAAGATGCCT TCGTGAACAG CCAGGAATGG ACGCTGAGTC GATCTGTCCC   780
GGAGCTCAAA GTGGGAATTG TGGGTAACTT GGCCAGCGGC AAGTCTGCCC TGGTGCACCG   840
GTACCTGACG GGCACATATG TCCAGGAGGA GTCTCCGGAA GGTGGCAGGT TCAAGAAAGA   900
GATTGTCGTT GATGGACAGA GCTATCTGCT GCTGATCAGA GATGAAGGGG GCCCCCCGGA   960
GGCGCAGTTT GCCATGTGGG TGGACGCTGT TATATTTGTC TTCAGCTTGG AGGATGAAAT  1020
AAGTTTCCAG ACCGTTTACC ACTACTACAG TCGAATGGCC AACTATCGGA ACACGAGCGA  1080
GATTCCTCTG GTTCTGGTGG GAACCCAGGA TGCCATAAGT TCTGCTAACC CGAGGGTCAT  1140
CGATGACGCC AGGGCGAGGA AGCTCTCCAA CGACCTGAAA CGGTGCACGT ACTACGAGAC  1200
GTGTGCTACA TACGGGCTGA ATGTGGAGAG GGTCTTCCAG GACGTTGCCC AGAAGATTGT  1260
TGCCACAAGG AAGAAGCAGC AGCTGTCCAT AGGACCCTGC AAGTCGCTAC CTAATTCTCC  1320
CAGCCATTCC TCCGTCTGTT CCGCGCAGGT GTCTGCCGTG CACATCAGCC AGACAAGTAA  1380
TGGAGGTGGG AGTTTAAGCG ACTATTCCTC CTCCGTTCCA TCGACTCCCA GCATCAGCCA  1440
GAAGGAACTT CGGATCGATG TTCCTCCCAC TGCCAACACG CCCACGCCCG TTCGCAAGCA  1500
GTCTAAGCGC CGGTCCAACC TGTTCACCTC TCGGAAAGGG AGCGACCCAG ACAAAGAGAA  1560
GAAAGGCCTG GAGAGTCGTG CGGACAGCAT TGGGAGCGGC CGAGCCATCC CAATTAAACA  1620
GGGCATGCTG TTGAAGCGAA GTGGCAAATC GTTGAATAAA GAGTGGAAAA AGAAATATGT  1680
CACCCTGTGT GACAATGGCG TGCTGACCTA TCATCCCAGT TTACATGATT ACATGCAGAA  1740
TGTTCATGGT AAGGAGATTG ACCTTCTGAG AACCACTGTG AAAGTCCCAG GGAAGAGGCC  1800
ACCCCGAGCC ACGTCAGCCT GCGCACCCAT CTCCAGCCCT AAAACCAATG GCCTATCCAA  1860
GGACATGAGC AGTTTACACA TCTCACCCAA TTCAGACACA GGGCTGGGTG ACTCCGTATG  1920
CTCCAGCCCC AGTATCTCCA GCACCACCAG CCCCAAGCTC GACCCGCCCC CCTCCCCTCA  1980
CGCCAACAGA AAGAAGCACC GAAGGAAGAA AAGCACTAGC AACTTCAAAG CCGACGGCCT  2040
GTCCGGCACT GCTGAAGAAC AAGAAGAAAA TTTTGAGTTT ATCATTGTGT CCCTCACTGG  2100
CCAAACATGG CACTTTGAAG CCACGACGTA TGAGGAGCGG GACGCCTGGG TCCAAGCCAT  2160
CGAGAGCCAG ATCCTGGCCA GCCTGCAGTC GTGCGAGAGC AGCAAGAACA AGTCCCGGCT  2220
GACGAGCCAG AGCGAGGCCA TGGCCCTGCA GTCGATCCGG AACATGCGCG GGAACTCCCA  2280
CTGTGTGGAC TGCGAGACCC AGAATCCCAA CTGGGCCAGT TTGAACTTGG GAGCCCTCAT  2340
GTGCATCGAA TGCTCAGGGA TCCACCGGAA TCTTGGCACC CACCTTTCCC GAGTCCGATC  2400
```

```
TCTGGACCTG GATGACTGGC CAATCGAGCT CATCAAGGTG ATGTCATCCA TCGGGAACGA  2460
GCTAGCCAAC AGCGTCTGGG AAGAGAGCAG CCAGGGGCGG ACGAAACCAT CGGTAGACTC  2520
CACAAGGGAA GAGAAGGAAC GGTGGATCCG TGCCAAGTAC GAGCAGAAGC TCTTCCTGGC  2580
CCCGCTGCCC TGCACGGAGC TGTCCCTGGG CCAGCACCTG CTGCGGGCCA CCGCCGACGA  2640
GGACCTGCGG ACGGCCATCC TGCTGCTGGC ACACGGCTCC CGGGACGAGG TGAACGAGAC  2700
CTGCGGGGAG GGAGACGGCC GCACGGCGCT GCATCTGGCC TGCCGCAAGG GGAATGTGGT  2760
CCTGGCGCAG CTCCTGATCT GGTACGGAGT GGACGTCACG GCCCGAGATG CCCACGGGAA  2820
CACAGCTCTG GCCTACGCCC GGCAGGCCTC CAGCCAGGAG TGCATCGACG TGCTGCTGCA  2880
GTACGGCTGC CCCGACGAGC GCTTCGTGCT CATGGCCACC CCTAACCTGT CCAGGAGAAA  2940
CAATAACCGG AACAACAGCA GTGGGAGGGT GCCCACCATC ATCTGAGGAA CAGCCGTGCC  3000
CGCCTGCTCG CCGCACCTGG GACGCGGCAG CCTCGCCGCA TTCTCGCTCA GAAGTCGCAG  3060
CACGTGAGTC CCGTCGCATC CCCTCCCTCT TCCTGGTGGC CACCTCCCTC CCGCCCACCC  3120
ACTCTCACCC CAAACAAAAT CACAAAACCT GGACATCCCT CAAGGGGCGA AGAGGCGGCC  3180
GGGAGACTGC AGAAGTGGCT CCTTTTCATA AACTCCCCTA AACCACACAC AGGAGAGAGC  3240
GACGGGCCTC GGCCCTTTGA TGATAGCACA TGGCGCAGGA CCCTTGTCCT GGTGGCACAA  3300
GGGATGGGGA CGCGAGGGGG AGGGGAGGCG AGGAACAAGG AGAAGGGGCA ACTTTCCTTA  3360
ACTGGCAGTT GAGCACATAG TACATTTCCC CTCTACCAAA CGGAACACTT GGATTCCATC  3420
TCTTCTCTGA GGAGCTCGAC GGCATAAATC AGAAGCAAGC ACAGAGTTTG TCAGGTTTGA  3480
AGCCCCTATG ATGGTGTGTG TCAAATCAGT TGTAGCTAAT CTGTCCAGGG AGAATACTGG  3540
CTTCATTACA CTTGTACAGC CGAGTTCTTC CCGCATTACT GCTGTTTAAT AGAACGTGAT  3600
TAGTCATCGC CGAGAAGAAA GCATATTAGC CGAGGAGGTA GTCACGCGGC ACGCGCCGGT  3660
GATTGCCACG ATGTGATTGC AATACTCTTA GAAGCACCAT ATTATCCCAG ACATGTTCTT  3720
TCAAGCCCTT GGAGCCCTCT CTAAATTCAC TGTCATCATT TAGTATCTGT TTAATTTTTC  3780
AGTCCAAAGA GAGGAAATCA GTCGCTGAGT ATTATTTGAC TCCGGTCTCC TTGGTGCAAA  3840
AACAAAATGG GAAAAATAAA TAAGAATAAC TCAGAAACTC AAAAGGAAAC CACAAATTCA  3900
GCTAATAATA GCATTTCGAG TATATTTCGT AAACTAAGGA AATACACAAA AGGCTGTTTT  3960
TTTCCGACTG TAAGAGATAT TTGATGTCCT TTTGCCGAGG TGGATGTGTT AGTCTCAGGC  4020
CCTCCTGGAC CACGTTGCCC AAGTCACACA GGCTTCTGTG TTATGTATTT AGATAAGATG  4080
TGTGAAAATA TATTTGAATA AAAGAAGTTC AT                                 4112

Name: 302                Len:  1096  Check:     238D
GGGGGAGCAC TAGCAGCAGC CGGAGTCGGC GGAAAGCACC CGGGCGCAGC CGGAGCCGGT    60
GCCGCAGCTG CGATGGCCGT GGCCGTGGGG AGACCGTCTA ATGAAGAGCT TCGAAACTTG   120
TCTTTGTCTG GCCATGTGGG ATTTGACAGC CTCCCTGACC AGCTGGTCAA CAAGTCTACT   180
TCTCAAGGAT TCTGTTTCAA CATCCTTTGT GTTGGTGAGA CAGGCATTGG CAAATCCACG   240
TTAATGGACA CTTTGTTCAA CACCAAATTT GAAAGTGACC CAGCTACTCA CAATGAACCA   300
GGTGTTCGGT TAAAAGCCAG AAGTTATGAG CTTCAGGAAA GCAATGTACG GCTGAAGTTA   360
ACCATTGTTG ACACCGTGGG ATTTGGAGAC CAGATAAATA AAGATGACAG CTATAAGCCG   420
ATAGTAGAAT ATATTGATGC CCAGTTCGAG GCCTACCTGC AAGAGGAATT GAAGATTAAA   480
CGTTCTCTCT TCAACCACCA TGACACGAGG ATCCATGCCT GCCTCTACTT TATTGCCCCT   540
ACTGGACATT CACTAAAGTC CCTGGATCTG GTCACCATGA AAAAGCTGGA CAGTAAGGTG   600
AACATCATTC CAATAATTGC AAAAGCTGAC ACCATTGCCA AGAATGAACT GCACAAATTC   660
AAGAGTAAGA TCATGAGTGA ACTGGTCAGC AATGGGGTCC AGATATATCA GTTTCCCACT   720
GATGAAGAAA CGGTGGCAGA GATTAACGCA ACAATGAGTG TCCATCTCCC ATTTGCAGTG   780
GTTGGCAGCA CCGAAGAGGT GAAGATTGGC AACAAGATGG CAAAGGCCAG GCAGTACCCC   840
TGGGGTGTGG TGCAGGTTGA GAATGAAAAT CATTGCGATT TTGTGAAACT TCGAGAGATG   900
CTGATCCGCG TGAACATGGA GGACTTGCGA GAGCAGACTC ACACCCGCCA CTATGAATTG   960
TACCACGCTG TAAGCTTGAA GAGATGGGGT TCAAGGACAC TGACCCTGAC AGCAAACCCT  1020
TCAGTCTTCA GGGGACATAT GAAGCAAAAA GGAATGAATT CCTGGGAGAA CTGCAGAAAA  1080
AAAAAAAAAA AAAAAA                                                  1096

Name: 303                Len:  4373  Check:     16D0
GAAGCGAATG TGATTCTTCC CCAGAACCGA AAGCTTTGCC TCAGACTCCT AGGCCGAGGA    60
GTCGTTCTCC ATCATCCCCA GAGCTCAACA ACAAGTGTCT TACCCCCCAG AGAGAAAGAA   120
GCGGGTCAGA ATCATCAGTT GATCAGAAAA CTGTGGCTCG GACTCCCCCT GGGCAGAGAA   180
GTCGTTCGGG ATCCTCTCAA GAACTTGATG TGAAACCCAG TGCATCCCCT CAGGAAAGAA   240
GTGAGTCAGA CTCTTCTCCA GATTCTAAAG CCAAGACACG AACCCCACTT CGGCAGAGGA   300
GTCGGTCTGG ATCATCTCCA GAGGTTGACA GCAAATCTCG ACTATCCCCT CGGCGCAGTA   360
GGTCTGGTTC CTCCCCTGAA GTGAAAGATA AGCCAAGAGC AGCACCCAGG GCACAGAGTG   420
GTTCTGATTC CTCTCCTGAA CCTAAAGCTC CAGCCCCTCG GGCCCTTCCC AGACGAAGCA   480
GATCAGGTTC ATCAAGCAAA GGCAGAGGCC CTTCTCCTGA AGGAAGCAGC AGTACCGAGT   540
CCTCTCCTGA ACATCCGCCC AAATCCAGAA CTGCTCGCAG AGGTTCCAGG TCATCACCAG   600
AGCCCAAGAC CAAGTCTCGT ACACCACCTC GACGTCGCAG CTCTCGATCA TCTCCGGAGC   660
TAACAAGGAA GGCCAGACTG TCCCGTAGAA GCCGCTCTGC CTCATCCTCA CCAGAAACTC   720
GCTCTAGAAC TCCCCCAAGG CACCGGAGAA GTCCCTCAGT GTCTTCCCCG GAGCCAGCCG   780
```

85

AAAAATCGAG GTCTTCACGC CGACGGCGCT CAGCTTCATC TCCACGCACT AAGACAACCT 840
CAAGGAGAGG CCGCTCTCCT TCGCCAAAGC CTCGTGGACT CCAGAGGTCC CGTTCCCGCT 900
CAAGGAGAGA GAAAACAAGA ACAACCCGAC GTCGAGATAG GTCTGGATCT TCTCAGTCAA 960
CCTCTCGGCG AAGACAGCGG AGCCGGTCAA GGTCGCGGGT TACTCGGCGG CGGAGGGGAG 1020
GCTCTGGTTA TCACTCAAGG TCACCTGCCC GGCAGGAAAG TTCCCGGACC TCCTCTCGAC 1080
GCCGAAGAGG CCGCTCTCGG ACACCCCCAA CCAGTCGGAA GCGTTCTCGC TCACGCACAT 1140
CACCAGCCCC GTGGAAACGC TCTAGATCTC GAGCCTCTCC AGCCACTCAC CGGCGATCCA 1200
GGTCCAGAAC CCCCCTGATA AGCCGACGTA GGTCCAGATC TCGAACTTCA CCAGTCAGCC 1260
GGAGACGGTC AAGGTCCAGG ACTTCAGTGA CTCGACGAAG ATCCCGGTCA AGAGCATCCC 1320
CAGTGAGCAG AAGGCGATCC AGATCCAGAA CGCCACCAGT AACCCGCCGT CGTTCAAGGT 1380
CTAGAACGCC AACAACACGC CGCCGCTCCC GTTCTAGAAC TCCACCAGTG ACTCGCAGAA 1440
GGTCCAGATC CAGGACTCCA CCAGTAACCA GGAGGCGATC TCGAAGCAGA ACTTCGCCTA 1500
TCACTCGCAG AAGATCAAGA TCCAGAACAT CTCCGGTCAC CCGAAGGAGA TCTCGATCTC 1560
GCACATCTCC AGTAACTCGA AGAAGGTCCC GCTCTCGAAC CTCACCAGTG ACACGCCGCC 1620
GCTCTAGGTC CCGGACACCT CCAGCTATTC GGCGCCGCTC TAGATCTCGA ACGCCACTGT 1680
TACCACGCAA ACGTTCTCGA AGTCGCTCAC CACTTGCTAT CCGCCGCCGC TCCAGATCCC 1740
GTACTCCACG AACAGCTCGG GGTAAACGGT CCTTAACAAG ATCTCCTCCA GCCATCCGCA 1800
GGCGTTCTGC ATCTGGAAGT AGTTCTGATC GTTCACGATC TGCTACTCCT CCAGCAACAA 1860
GAAATCATTC TGGTTCACGG ACACCTCCAG TAGCACTCAA CAGTTCCAGA ATGAGCTGCT 1920
TCAGTCGTCC TAGCATGTCC CCAACACCTC TTGATCGCTG CAGATCACCT GGAATGCTTG 1980
AACCCCTTGG CAGCTCTAGA ACACCCATGT CTGTCCTGCA GCAAGCCGGC GGCTCCATGA 2040
TGGATGGTCC AGGTCCCCGA ATACCTGACC ACCAGAGAAC ATCTGTGCCA GAAAATCATG 2100
CTCAGTCCAG GATTGCACTT GCCCTGACAG CTATCAGTCT TGGCACCGCT CGGCCTCCTC 2160
CGTCCATGTC TGCTGCTGGC CTTGCTGCAA GAATGTCCCA GGTTCCAGCC CCGGTGCCTC 2220
TCATGAGTCT CAGAACCGCA CCAGCAGCCA ACCTTGCCAG CAGGATTCCT GCAGCCTCTG 2280
CGGCAGCCAT GAACCTAGCC AGCGCCAGGA CACCTGCCAT TCCAACAGCA GTGAACCTGG 2340
CTGACTCTCG AACGCCAGCT GCAGCAGCGG CCATGAACTT GGCCAGCCCC AGAACAGCGG 2400
TGGCACCTTC GGCTGTGAAC CTGGCTGACC CTCGCACTCC CACAGCCCCA GCTGTGAACC 2460
TAGCAGGGGC CAGAACCCCA GCTGCCTTGG CAGCTCTGAG TCTCACAGGC TCTGGCACAC 2520
CACCAACTGC TGCAAACTAT CCCTCCAGCT CCAGAACACC ACAGGCTCCA GCCTCTGCAA 2580
ACCTGGTGGG TCCTCGGTCT GCACATGCCA CAGCTCCTGT GAATATTGCC GGCTCCAGAA 2640
CCGCCGCAGC CTTGGCCCCC GCGAGCCTCA CCAGTGCTAG GATGGCTCCA GCATTGTCTG 2700
GTGCAAACCT CACCAGCCCC AGGGTGCCCC TTTCTGCCTA CGAGCGTGTC AGTGGCAGAA 2760
CCTCACCACC GCTCCTTGAC CGAGCTAGGT CCAGAACACC ACCGTCTGCC CCAAGCCAAT 2820
CTAGGATGAC CTCTGAACGG GCTCCCTCCC CTTCCTCTAG AATGGGCCAG GCTCCTTCAC 2880
AGTCTCTTCT CCCTCCAGCA CAGGATCAGC CGAGGTCTCC TGTGCCTTCT GCTTTTTCAG 2940
ACCAATCCCG TTGTTTGATT GCCCAGACCA CCCCTGTAGC AGGGTCTCAG TCCCTTTCCT 3000
CTGGGGCAGT GGCAACGACC ACGTCCTCTG CTGGTGATCA CAATGGCATG CTCTCTGTCC 3060
CTGCCCCTGG GGTGCCCCAC TCTGATGTGG GGGAGCCACC TGCCTCTACT GGGGCCCAGC 3120
AGCCTTCTGC ATTAGCCGCC CTGCAGCCAG CAAAGGAGCG GCGGAGTTCC TCCTCGTCGT 3180
CGTCGTCCTC TAGCTCCTCC TCCTCTTCAT CATCGTCGTC GTCGTCCTCC TCCTCCTCTG 3240
GCTCCAGTTC TAGTGACTCA GAGGGCTCTA GCCTTCCTGT GCAACCTGAG GTGGCACTGA 3300
AGAGGGTCCC CAGCCCCACC CCAGCCCCAA AGGAGGCTGT TCGAGAGGGA CGTCCTCCGG 3360
AGCCAACCCC AGCCAAACGG AAGAGGCGCT CTAGCAGTTC CAGTTCCAGC TCCTCCTCTT 3420
CATCTTCCTC CTCCTCCTCC TCCTCCTCTT CTTCCTCCTC CTCTTCCTCT TCTTCTTCTT 3480
CCTCCTCATC TTCCTCCTCC TCGTCGTCTT CCTCCCCTTC CCCTGCTAAG CCTGGCCCTC 3540
AGGCCTTGCC CAAACCTGCA AGCCCCAAGA AGCCACCCCC TGGCGAGCGG AGGTCCCGCA 3600
GCCCCCGGAA GCCAATAGAC TCCCTCAGGG ACTCTCGGTC CCTCAGCTAC TCGCCTGTGG 3660
AGCGTCGCCG TCCCTCGCCC CAGCCCTCAC CACGGGACCA GCAGAGCAGC AGCAGTGAGC 3720
GGGGTTCCCG GAGAGGCCAG CGTGGGGACA GCCGCTCCCC CAGCCACAAG CGCAGGAGGG 3780
AGACACCTAG CCCTCGGCCC ATGAGACACC GCTCCTCCAG GTCTCCATAA ATTGTCTTTG 3840
GGGGATTCCA CCACACCCAA TGCTCTGGAG CCACAAGGAG TGTCCCTTCT TCCCCAGCAG 3900
AGCCGTGGGA GGGTCCTTGT CTGCTCTCCT TTGAACCTTG GCAGCCCTTG GATGGAGGGC 3960
TCCCTTTCCC TCCCCTTTTT TTTTCTTTG TTCCTGTGAA ATGTTAATCT CCGTGAGTTC 4020
TTCCTGGTTC ATGTGTTCTG GGGGGTTTGG GGTGGGAGGG AATGCAGATG GGAGTTGGGG 4080
GAGGGGAGGA TACAGTTCAG GATACCCCAG CCTGGAGTCA GGGCCAGGGA GGCATGGCCC 4140
CACTTGTATC CAGAAGTTCC CAGGGGTGAT TGTGATGGTG GTTGGGACTG GAGGTTGTAT 4200
AAGGTGTTCT TGGAAGGAAG GGGCAGGAGT TGGAATTAGT TGGTCCCTAC TGTCCCCCAT 4260
GAGGTTGTGA ACCCCTCCCC CCAACTTTTC ATGTTTCTTA AAGGCATTTT GGTTTTTTAA 4320
AATCTGTACA GCAAGAGCAA CTTTTTCTGT CAAATAAAAA TGAGAAATGC AGG 4373

Name: 304 Len: 9027 Check: 18E4

GCGGCCCAGG CGGGGTGCGA GTGGCGCAGT CGGAGCCCGT TGCGGCCCCT GAGGAAGCGA 60
GGAGGCGTCG GCGTCGGCTG AGGCGGGCGG ACCGGCGAGG CGAGGCGGCG GCCCCAGGCC 120

```
CGAGGGACTC GGGAGCTCGA GCAGCGGCGG CGGCAAGACC TCTCCCCCTC GGAGGCGGCG   180
GGCGGAGGCG GCGGGAGCGG TGGTGCCCCC CCCGGGCACG GGGCCATGTA CAACGGGATC   240
GGGCTGCCGA CGCCCCGGGG CAGCGGCACC AACGGCTACG TCCAGCGCAA CCTGTCCCTG   300
GTGCGGGGCC GCCGGGGTGA GCGGCCTGAC TACAAGGGAG AGGAGGAACT GCGGCGCCTG   360
GAGGCTGCCC TGGTGAAGCG GCCTAATCCT GACATCCTGG ACCACGAGCG CAAGCGGCGC   420
GTCGAGCTGC GATGCCTCGA GCTGGAGGAG ATGATGGAAG AGCAGGGGTA CGAGGAACAG   480
CAAATTCAGG AAAAAGTGGC GACCTTTCGA CTCATGTTGC TGGAGAAGGA TGTGAACCCT   540
GGGGGCAAGG AGGAGACCCC AGGGCAGAGG CCAGCGGTCA CGGAGACTCA CCAGTTGGCA   600
GAATTAAATG AGAAGAAGAA TGAAAGACTC CGTGCTGCCT TTGGCATCAG TGATTCTTAC   660
GTAGATGGCA GCTCTTTTGA TCCTCAGCGT CGTGCCCGAG AAGCTAAACA ACCAGCTCCT   720
GAGCCTCCCA AACCTTACAG CCTTGTTCGG GAGTCTAGCA GTTCTCGCTC ACCAACCCCA   780
AAGCAGAAGA AGAAGAAAAA GAAGAAAGAT AGAGGACGCA GGTCAGAGAG CAGCTCTCCT   840
CGACGGGAGA GAAAGAAAAG CTCAAAGAAG AAGAAGCACA GGTCAGAATC TGAGTCCAAG   900
AAACGTAAGC ATAGGTCTCC CACTCCAAAG AGCAAACGTA AATCTAAGGA CAAAAAGCGA   960
AAGCGGTCTC GAAGTACAAC ACCAGCCCCC AAGAGCCGCC GGGCCCACCG TTCAACTTCT  1020
GCTGACTCTG CTTCCTCCTC CGATACTTCC CGCAGTCGGT CTCGAAGTGC TGCAGCTAAA  1080
ACTCATACAA CTGCCTTGGC TGGGCGAAGT CCTTCCCCTG CTTCAGGGCG ACGCGGGGAG  1140
GGAGATGCGC CTTTCAGTGA ACCAGGTACT ACCAGCACAC AACGGCCTAG TAGCCCGGAG  1200
ACTGCTACGA AACAGCCTAG CAGCCCTTAT GAAGACAAAG ATAAAGACAA GAAGGAGAAA  1260
TCTGCAACTC GACCTAGCCC CTCTCCGGAA AGGAGCAGCA CAGGCCCAGA ACCACCTGCT  1320
CCCACTCCGC TCCTTGCTGA GCGACATGGC GGCTCCCCAC AACCCCTTGC AACCACCCCC  1380
TTAAGCCAGG AGCCAGTGAA CCCCCCATCT GAGGCCTCTC CAACTCGGGA CCGTTCACCA  1440
CCTAAGTCTC CCGAGAAACT TCCCCAGTCT TCTTCCTCAG AGAGCAGCCC ACCATCCCCT  1500
CAACCTACCA AAGTTTCTCG GCATGCCAGC TCTTCCCCAG AAAGTCCTAA ACCTGCTCCA  1560
GCTCCAGGGT CCCACCGAGA GATTTCTTCT TCTCCCACAT CTAAGAATCG CTCACATGGC  1620
CGAGCAAAAC GGGATAAATC ACATTCTCAT ACCCCCTCCC GTAGGATGGG GAGGTCCCGT  1680
AGCCCTGCCA CCGCTAAGAG AGGGCGATCT CGGTCTCGAA CCCCTACCAA GAGAGGTCAT  1740
TCTCGATCCC GATCTCCCCA GTGGCGTAGG TCCAGGTCTG CACAGAGGTG GGGAAGATCT  1800
AGAAGCCCCC AGCGACGTGG CCGCTCTAGG TCTCCTCAGC GACCAGGCTG GTCTAGGAGC  1860
AGAAATACCC AGAGAAGAGG CAGGTCTAGG TCAGCAAGGC GAGGGAGGTC CCACTCTAGA  1920
TCCCCAGCCA CTAGGGGTAG ATCTCGTTCT AGAACACCAG CCCGCCGGGG CAGGTCCCGC  1980
TCTAGAACAC CTGCCAGGCG GAGATCACGA TCCAGAACTC CCACCAGGCG TAGGTCTCGG  2040
TCTAGAACAC CAGCCCGGAG GGGCAGGTCT CGGTCTAGAA CACCTGCTAG GCGCAGATCT  2100
AGGACCCGAT CACCAGTACG ACGCAGGTCT CGTAGTAGAT CACCAGCCAG GAGAAGTGGC  2160
AGGTCACGCT CTAGAACCCC AGCTAGACGT GGCCGCTCAC GCTCCAGAAC CCCAGCCAGA  2220
CGTGGCCGCT CACGCTCTAG AACCCCAGCT AGACGCAGTG GTCGCTCACG CTCCAGAACA  2280
CCAGCCAGGA GAGGGAGGTC TCGGTCTAGG ACACCAAGAC GAGGAAGATC CCGCAGTAGA  2340
AGCTTAGTTA GACGTGGAAG ATCTCACTCT AGAACACCTC AAAGAAGAGG CAGATCTGGC  2400
TCATCTTCAG AGCGGAAAAA CAAATCCAGA ACATCTCAAA GAAGAAGCAG GTCCAATTCA  2460
AGCCCAGAAA TGAAGAAATC TCGCATTTCT TCAAGGCGGA GCAGGTCTCT CTCTTCACCA  2520
CGGTCCAAAG CAAAATCTCG CTTGTCTTTG AGGCGCAGCC TTTCAGGGTC TTCCCCATGC  2580
CCTAAGCAAA AGTCACAGAC ACCACCCAGG CGCAGTCGCT CTGGATCCTC CCAACCTAAA  2640
GCTAAATCTA GAACGCCACC CAGACGCAGT CGCTCCAGTT CTTCTCCGCC ACCTAAACAG  2700
AAATCTAAGA CACCATCAAG ACAAAGTCAT TCCAGTTCAT CTCCTCATCC TAAAGTGAAA  2760
TCTGGAACAC CACCGAGGCA AGGGTCCATA ACAAGTCCCC AGGCCAATGA GCAATCTGTA  2820
ACGCCACAGA GACGGAGCTG TTTTGAATCA TCACCTGACC CTGAGTTGAA ATCTAGGACC  2880
CCTTCTAGAC ATAGCTGCTC AGGGTCCTCT CCTCCTAGAG TGAAATCTAG CACACCTCCC  2940
AGACAGAGCC CATCTAGGTC ATCATCTCCA CAACCCAAAG TGAAGGCAAT AATATCACCA  3000
AGACAAAGAA GCCATTCTGG CTCCTCTTCT CCAAGTCCTA GTAGGGTGAC GTCGAGAACA  3060
ACTCCACGGC GAAGCAGATC AGTATCTCCC TGCTCCAATG TGGAATCCAG ATTGTTGCCA  3120
AGATACAGTC ATTCTGGGTC CTCCTCACCA GATACCAAAG TGAAACCTGA AACACCGCCA  3180
AGACAAAGTC ACTCAGGGTC TATTTCACCA TACCCCAAAG TAAAGGCCCA AACTCCACCG  3240
GGGCCAAGTC TTTCTGGATC AAAGTCACCA TGTCCCCAAG AGAAGTCTAA AGACTCACTA  3300
GTTCAAAGTT GCCCTGGATC CCTCTCTCTC TGTGCAGGAG TAAAATCTAG CACACCACCA  3360
GGCGAGAGCT ATTTTGGTGT CTCATCTCTG CAACTGAAAG GACAATCTCA AACTTCACCA  3420
GACCACAGAT CTGATACTTC AAGTCCAGAA GTGAGACAGA GTCATTCAGA ATCACCATCT  3480
CTGCAGAGCA AATCTCAAAC ATCACCTAAG GGAGGTCGGT CCAGGTCTTC ATCTCCAGTC  3540
ACTGAGCTGG CATCCAGATC TCCAATAAGA CAAGATAGAG GTGAGTTCTC AGCGAGTCCT  3600
ATGTTGAAAT CTGGAATGTC TCCTGAGCAG AGCAGGTTCC AGTCTGACTC TTCTTCATAT  3660
CCTACAGTGG ACTCGAATTC TCTCTTGGGG CAGAGTAGAT TGGAGACTGC TGAATCAAAA  3720
GAGAAAATGG CCTTACCCCC TCAGGAGGAT GCTACTGCAT CACCTCCTAG ACAGAAAGAC  3780
AAATTTAGTC CCTTTCCAGT ACAGGATAGG CCTGAGTCTT CACTGGTATT CAAAGACACA  3840
CTTAGAACCC CGCCAAGAGA AAGAAGTGGT GCTGGGTCAT CTCCAGAAAC AAAAGAGCAA  3900
```

87

```
AATAGTGCAT TGCCTACGTC AAGCCAAGAT GAAGAGTTAA TGGAGGTGGT AGAGAAGTCT  3960
GAAGAACCCG CAGGCCAAAT CCTGTCTCAT TTGTCTTCAG AACTTAAAGA AATGTCCACA  4020
AGTAACTTTG AATCATCTCC TGAAGTAGAA GAAAGGCCTG CTGTGTCTTT GACTCTTGAT  4080
CAGAGCCAGT CACAGGCTTC TTTGGAAGCA GTAGAAGTCC CTTCAATGGC CTCATCTTGG  4140
GGTGGGCCAC ATTTTTCTCC AGAACATAAA GAACTGTCTA ACTCCCCACT CAGGGAGAAC  4200
AGCTTTGGAT CACCTTTAGA ATTTAGAAAC TCAGGCCCAC TTGGTACAGA AATGAATACT  4260
GGATTTTCTT CTGAGGTTAA AGAAGATTTG AATGGACCGT TTCTTAATCA GCTGGAAACA  4320
GATCCATCTC TAGACATGAA AGAACAATCG ACAAGATCCT CTGGACACAG CAGTTCTGAG  4380
TTATCCCCAG ATGCAGTGGA AAAGGCAGGG ATGTCTTCAA ATCAGAGCAT CTCTTCACCT  4440
GTGCTTGATG CTGTACCCAG AACACCCTCG AGAGAAAGAA GTAGTTCTGC ATCTTCTCCT  4500
GAAATGAAAG ATGGTTTACC CAGAACTCCA TCAAGGAGAA GCAGGTCTGG GTCTTCTCCA  4560
GGACTTAGAG ATGGGTCTGG GACTCCCTCG AGGCACAGCC TGTCTGGGTC CTCTCCTGGA  4620
ATGAAAGATA TACCTAGAAC GCCATTTAGA GGGAGAAGCG AATGTGATTC TTCCCCAGAA  4680
CCGAAAGCTT TGCCTCAGAC TCCTAGGCCG AGGAGTCGTT CTCCATCATC CCCAGAGCTC  4740
AACAACAAGT GTCTTACCCC CCAGAGAGAA AGAAGCGGGT CAGAATCATC AGTTGATCAG  4800
AAAACTGTGG CTCGGACTCC CCTGGGGCAG AGAAGTCGTT CGGGATCCTC TCAAGAACTT  4860
GATGTGAAAC CCAGTGCATC CCCTCAGGAA AGAAGTGAGT CAGACTCTTC TCCAGATTCT  4920
AAAGCCAAGA CACGAACCCC ACTTCGGCAG AGGAGTCGGT CTGGATCATC TCCAGAGGTT  4980
GACAGCAAAT CTCGACTATC CCCTCGGCGC AGTAGGTCTG GTTCCTCCCC TGAAGTGAAA  5040
GATAAGCCAA GAGCAGCACC CAGGGCACAG AGTGGTTCTG ATTCCTCTCC TGAACCTAAA  5100
GCTCCAGCCC CTCGGGCCCT TCCCAGACGA AGCAGATCAG GTTCATCAAG CAAAGGCAGA  5160
GGCCCTTCTC CTGAAGGAAG CAGCAGTACC GAGTCCTCTC CTGAACATCC GCCCAAATCC  5220
AGAACTGCTC GCAGAGGTTC CAGGTCATCA CCAGAGCCCA AGACCAAGTC TCGTACACCA  5280
CCTCGACGTC GCAGCTCTCG ATCATCTCCG GAGCTAACAA GGAAGGCCAG ACTGTCCCGT  5340
AGAAGCCGCT CTGCCTCATC CTCACCAGAA ACTCGCTCTA GAACTCCCCC AAGGCACCGG  5400
AGAAGTCCCT CAGTGTCTTC CCCGGAGCCA GCCGAAAAAT CGAGGTCTTC ACGCCGACGG  5460
CGCTCAGCTT CATCTCCACG CACTAAGACA ACCTCAAGGA GAGGCCGCTC TCCTTCGCCA  5520
AAGCCTCGTG GACTCCAGAG GTCCCGTTCC CGCTCAAGGA GAGAGAAAAC AAGAACAACC  5580
CGACGTCGAG ATAGGTCTGG ATCTTCTCAG TCAACCTCTC GGCGAAGACA GCGGAGCCGG  5640
TCAAGGTCGC GGGTTACTCG GCGGCGGAGG GGAGGCTCTG GTTATCACTC AAGGTCACCT  5700
GCCCGGCAGG AAAGTTCCCG GACCTCCTCT CGACGCCGAA GAGGCCGCTC TCGGACACCC  5760
CCAACCAGTC GGAAGCGTTC TCGCTCACGC ACATCACCAG CCCCGTGGAA ACGCTCTAGA  5820
TCTCGAGCCT CTCCAGCCAC TCACCGGCGA TCCAGGTCCA GAACCCCCCT GATAAGCCGA  5880
CGTAGGTCCA GATCTCGAAC TTCACCAGTC AGCCGGAGAC GGTCAAGGTC CAGGACTTCA  5940
GTGACTCGAC GAAGATCCCG GTCAAGAGCA TCCCCAGTGA GCAGAAGGCG ATCCAGATCC  6000
AGAACGCCAC CAGTAACCCG CCGTCGTTCA AGGTCTAGAA CGCCAACAAC ACGCCGCCGC  6060
TCCCGTTCTA GAACTCCACC AGTGACTCGC AGAAGGTCCA GATCCAGGAC TCCACCAGTA  6120
ACCAGGAGGC GATCTCGAAG CAGAACTTCG CCTATCACTC GCAGAAGATC AAGATCCAGA  6180
ACATCTCCGG TCACCCGAAG GAGATCTCGA TCTCGCACAT CTCCAGTAAC TCGAAGAAGG  6240
TCCCGCTCTC GAACCTCACC AGTGACACGC CGCCGCTCTA GGTCCCGGAC ACCTCCAGCT  6300
ATTCGGCGCC GCTCTAGATC TCGAACGCCA CTGTTACCAC GCAAACGTTC TCGAAGTCGC  6360
TCACCACTTG CTATCCGCCG CCGCTCCAGA TCCCGTACTC CACGAACAGC TCGGGGTAAA  6420
CGGTCCTTAA CAAGATCTCC TCCAGCCATC CGCAGGCGTT CTGCATCTGG AAGTAGTTCT  6480
GATCGTTCAC GATCTGCTAC TCCTCCAGCA ACAAGAAATC ATTCTGGTTC ACGGACACCT  6540
CCAGTAGCAC TCAACAGTTC CAGAATGAGC TGCTTCAGTC GTCCTAGCAT GTCCCCAACA  6600
CCTCTTGATC GCTGCAGATC ACCTGGAATG CTTGAACCCC TTGGCAGCTC TAGAACACCC  6660
ATGTCTGTCC TGCAGCAAGC CGGCGGCTCC ATGATGGATG GTCCAGGTCC CCGAATACCT  6720
GACCACCAGA GAACATCTGT GCCAGAAAAT CATGCTCAGT CCAGGATTGC ACTTGCCCTG  6780
ACAGCTATCA GTCTTGGCAC CGCTCGGCCT CCTCCGTCCA TGTCTGCTGC TGGCCTTGCT  6840
GCAAGAATGT CCCAGGTTCC AGCCCCGGTG CCTCTCATGA GTCTCAGAAC CGCACCAGCA  6900
GCCAACCTTG CCAGCAGGAT TCCTGCAGCC TCTGCGGCAG CCATGAACCT AGCCAGCGCC  6960
AGGACACCTG CCATTCCAAC AGCAGTGAAC CTGGCTGACT CTCGAACGCC AGCTGCAGCA  7020
GCGGCCATGA ACTTGGCCAG CCCCAGAACA GCGGTGGCAC CTTCGGCTGT GAACCTGGCT  7080
GACCCTCGCA CTCCCACAGC CCCAGCTGTG AACCTAGCAG GGGCCAGAAC CCCAGCTGCC  7140
TTGGCAGCTC TGAGTCTCAC AGGCTCTGGC ACACCACCAA CTGCTGCAAA CTATCCCTCC  7200
AGCTCCAGAA CACCACAGGC TCCAGCCTCT GCAAACCTGG TGGGTCCTCG GTCTGCACAT  7260
GCCACAGCTC CTGTGAATAT TGCCGGCTCC AGAACCGCCG CAGCCTTGGC CCCCGCGAGC  7320
CTCACCAGTG CTAGGATGGC TCCAGCATTG TCTGGTGCAA ACCTCACCAG CCCCAGGGTG  7380
CCCCTTTCTG CCTACGAGCG TGTCAGTGGC AGAACCTCAC CACCGCTCCT TGACCGAGCT  7440
AGGTCCAGAA CACCACCGTC TGCCCCAAGC CAATCTAGGA TGACCTCTGA ACGGGCTCCC  7500
TCCCCTTCCT CTAGAATGGG CCAGGCTCCT TCACAGTCTC TTCTCCCTCC AGCACAGGAT  7560
CAGCCGAGGT CTCCTGTGCC TTCTGCTTTT TCAGACCAAT CCCGTTGTTT GATTGCCCAG  7620
ACCACCCCTG TAGCAGGGTC TCAGTCCCTT TCCTCTGGGG CAGTGGCAAC GACCACGTCC  7680
```

```
TCTGCTGGTG ATCACAATGG CATGCTCTCT GTCCCTGCCC CTGGGGTGCC CCACTCTGAT  7740
GTGGGGGAGC CACCTGCCTC TACTGGGGCC CAGCAGCCTT CTGCATTAGC CGCCCTGCAG  7800
CCAGCAAAGG AGCGGCGGAG TTCCTCCTCG TCGTCGTCGT CCTCTAGCTC CTCCTCCTCT  7860
TCATCATCGT CGTCGTCGTC CTCCTCCTCC TCTGGCTCCA GTTCTAGTGA CTCAGAGGGC  7920
TCTAGCCTTC CTGTGCAACC TGAGGTGGCA CTGAAGAGGG TCCCCAGCCC CACCCCAGCC  7980
CCAAAGGAGG CTGTTCGAGA GGGACGTCCT CCGGAGCCAA CCCCAGCCAA ACGGAAGAGG  8040
CGCTCTAGCA GTTCCAGTTC CAGCTCCTCC TCTTCATCTT CCTCCTCCTC CTCCTCCTCC  8100
TCTTCTTCCT CCTCCTCTTC CTCTTCTTCT TCTTCCTCCT CATCTTCCTC CTCCTCGTCG  8160
TCTTCCTCCC CTTCCCCTGC TAAGCCTGGC CCTCAGGCCT TGCCCAAACC TGCAAGCCCC  8220
AAGAAGCCAC CCCCTGGCGA GCGGAGGTCC CGCAGCCCCC GGAAGCCAAT AGACTCCCTC  8280
AGGGACTCTC GGTCCCTCAG CTACTCGCCT GTGGAGCGTC GCCGTCCCTC GCCCCAGCCC  8340
TCACCACGGG ACCAGCAGAG CAGCAGCAGT GAGCGGGGTT CCCGGAGAGG CCAGCGTGGG  8400
GACAGCCGCT CCCCCAGCCA CAAGCGCAGG AGGGAGACAC CTAGCCCTCG GCCCATGAGA  8460
CACCGCTCCT CCAGGTCTCC ATAAATTGTC TTTGGGGGAT TCCACCACAC CCAATGCTCT  8520
GGAGCCACAA GGAGTGTCCC TTCTTCCCCA GCAGAGCCGT GGGAGGGTCC TTGTCTGCTC  8580
TCCTTTGAAC CTTGGCAGCC CTTGGATGGA GGGCTCCCTT TCCCTCCCCT TTTTTTTTTC  8640
TTTGTTCCTG TGAAATGTTA ATCTCCGTGA GTTCTTCCTG GTTCATGTGT TCTGGGGGGT  8700
TTGGGGTGGG AGGGAATGCA GATGGGAGTT GGGGGAGGGG AGGATACAGT TCAGGATACC  8760
CCAGCCTGGA GTCAGGGCCA GGGAGGCATG GCCCCACTTG TATCCAGAAG TTCCCAGGGC  8820
TGATTGTGAT GGTGGTTGGG ACTGGAGGTT GTATAAGGTG TTCTTGGAAG GAAGGGGCAG  8880
GAGTTGGAAT TAGTTGGTCC CTACTGTCCC CCATGAGGTT GTGAACCCCT CCCCCCAACT  8940
TTTCATGTTT CTTAAAGGCA TTTTGGTTTT TTAAAATCTG TACAGCAAGA GCAACTTTTT  9000
CTGTCAAATA AAAATGAGAA ATGCAGG                                      9027

Name: 305                Len:  2380  Check:      3AC
TCTCCGCGTC CAGTGCTGCT TAGAGGTGCT CGCGCCGCTC TGCTGCTGCT GCTGCCGCCC    60
CGGCTCTTAG CCCGACCCTC GCTCCTCCTC CGCCGGTCCC TCAGCGCGGC CTCCTGCGCC   120
CCGATCTCCT TGCCCGCCGC CGCCTCCCGG AGCAGCATGG ACGGCGCGGG GGCTGAGGAG   180
GTGCTGGCAC CTCTGAGGCT AGCAGTGCGC CAGCAGGGAG ATCTTGTGCG AAAACTCAAA   240
GAAGATAAAG CACCCCAAGT AGACGTAGAC AAAGCAGTGG CTGAGCTCAA AGCCCGCAAG   300
AGGGTTCTGG AAGCAAAGGA GCTGGCGTTA CAGCCCAAAG ATGATATTGT AGACCGAGCA   360
AAAATGGAAG ATACCCTGAA GAGGAGGTTT TTCTATGATC AAGCTTTTGC TATTTATGGA   420
GGTGTTAGTG GTCTGTATGA CTTTGGGCCA GTTGGCTGTG CTTTGAAGAA CAATATTATT   480
CAGACCTGGA GGCAGCACTT TATCCAAGAG GAACAGATCC TGGAGATCGA TTGCACCATG   540
CTCACCCCTG AGCCAGTTTT AAAGACCTCT GGCCATGTAG ACAAATTTGC TGACTTCATG   600
GTGAAAGACG TAAAAAATGG AGAATGTTTT CGTGCTGACC ATCTATTAAA AGCTCATTTA   660
CAGAAATTGA TGTCTGATAA GAAGTGTTCT GTCGAAAAGA AATCAGAAAT GGAAAGTGTT   720
TTGGCCCAGC TTGATAACTA TGGACAGCAA GAACTTGCGG ATCTTTTTGT GAACTATAAT   780
GTAAAATCTC CCATTACTGG AAATGATCTA TCCCCTCCAG TGTCTTTTAA CTTAATGTTC   840
AAGACTTTCA TTGGGCCTGG AGGAAACATG CCTGGGTACT TGAGACCAGA AACTGCACAG   900
GGGATTTTCT TGAATTTCAA ACGACTTTTG GAGTTCAACC AAGGAAAGTT GCCTTTTGCT   960
GCTGCCCAGA TTGGAAATTC TTTTAGAAAT GAGATCTCCC CTCGATCTGG ACTGATCAGA  1020
GTCAGAGAAT TCACAATGGC AGAAATTGAG CACTTTGTAG ATCCCAGTGA GAAAGACCAC  1080
CCCAAGTTCC AGAATGTGGC AGACCTTCAC CTTTATTTGT ATTCAGCAAA AGCCCAGGTC  1140
AGCGGACAGT CCGCTCGGAA AATGCGCCTG GGAGATGCTG TTGAACAGGG TGTGATTAAT  1200
AACACAGTAT TAGGCTATTT CATTGGCCGC ATCTACCTCT ACCTCACGAA GGTTGGAATA  1260
TCTCCAGATA AACTCCGCTT CCGGCAGCAC ATGGAGAATG AGATGGCCCA TTATGCCTGT  1320
GACTGTTGGG ATGCAGAATC CAAAACATCC TACGGTTGGA TTGAGATTGT TGGATGTGCT  1380
GATCGTTCCT GTTATGACCT CTCCTGTCAT GCACGAGCCA CCAAAGTCCC ACTTGTAGCT  1440
GAGAAACCTC TGAAAGAACC CAAAACAGTC AATGTTGTTC AGTTTGAACC CAGTAAGGGA  1500
GCAATTGGTA AGGCATATAA GAAGGATGCA AAACTGGTGA TGGAGTATCT TGCCATTTGT  1560
GATGAGTGCT ACATTACAGA AATGGAGATG CTGCTGAATG AGAAAGGGGA ATTCACAATT  1620
GAAACTGAAG GGAAAACATT TCAGTTAACA AAAGACATGA TCAATGTGAA GAGATTCCAG  1680
AAAACACTAT ATGTGGAAGA AGTTGTTCCG AATGTAATTG AACCTTCCTT CGGCCTGGGT  1740
AGGATCATGT ATACGGTATT TGAACATACA TTCCATGTAC GAGAAGGAGA TGAACAGAGA  1800
ACATTCTTCA GTTTCCCTGC TGTAGTTGCT CCATTCAAAT GTTCCGTCCT CCCACTGAGC  1860
CAAAACCAGG AGTTCATGCC ATTTGTCAAG GAATTATCGG AAGCCCTGAC CAGGCATGGA  1920
GTATCTCACA AAGTAGACGA TTCCTCTGGG TCAATCGGAA GGCGCTATGC CAGGACTGAT  1980
GAGATTGGCG TGGCTTTTGG TGTCACCATT GACTTTGACA CAGTGAACAA GACCCCCCAC  2040
ACTGCAACTC TGAGGGACCG TGACTCAATG CGGCAGATAA GAGCAGAGAT CTCTGAGCTG  2100
CCCAGCATAG TCCAAGACCT AGCCAATGGC AACATCACAT GGGCTGATGT GGAGGCCAGG  2160
TATCCTCTGT TTGAAGGGCA AGAGACTGGT AAAAAAGAGA CAATCGAGGA ATGAGGACAA  2220
TTTTGACAAC TTTTGACCAC TTGCGCTAAT AAAAAAAAAA AAACTACTCT TATGTCCACT  2280
TTACAAAAGA AAACAGCATT GTGATTACTC CCAGGGACCG TATTTTATCT TCAGTGGCTG  2340
```

89

CCTGATTTTA CCCCCACAAT TAAAGTTGAA GGAATCCTGA 2380

Name: 306 Len: 2000 Check: 1B22

GGTATCGATG ACGTGGACAT TGACCTCCAC ATCAACATCA GCTTCCTCGA TGAGGAAGTC 60
TCTACAGCCT GGAAGGTCCT CCGGACAGAA CCTATTGTGT TGAGGCTGCG ATTTTCTCTC 120
TCCCAGTACC TAGATGGACC AGAACCATCC ATTGAGGTTT TCCAGCCATC AAATAAGGAA 180
GGATTTGGGC TGGGTCTTCA GTTGAAAAAG ATCCTGGGTA TGTTTACATC CCAACAATGG 240
AAACATCTGA GCAATGATTT CTTGAAGACC CAGCAGGAGA AGAGGCACAG TTGGTTCAAG 300
GCAAGTGGTA CCATCAAGAA GTTCCGAGCT GGCCTCAGCA TCTTTTCACC CATCCCCAAG 360
TCTCCCAGTT TCCCTATCAT ACAGGACTCC ATGCTGAAAG GCAAACTAGG TGTACCAGAG 420
CTTCGGGTTG GGCGCCTCAT GAACCGCTCC ATCTCCTGTA CCATGAAGAA CCCCAAAGTG 480
GAAGTGTTTG GCTACCCTCC CAGCCCCCAG GCAGGTCTCC TGTGCCCTCA GCACGTGGGC 540
CTCCCTCCCC CAGCACGGAC CTCTCCTTTG GTCAGTGGTC ACTGCAAGAA CATTCCCACT 600
CTGGAGTATG GATTCCTCGT TCAGATCATG AAGTATGCAG AACAGAGGAT TCCAACATTG 660
AATGAGTACT GTGTGGTGTG TGATGAGCAG CATGTCTTCC AAAATGGATC TATGCTGAAG 720
CCAGCTGTCT GTACTCGTGA ACTATGCGTT TTCTCCTTCT ACACACTGGG CGTCATGTCT 780
GGAGCTGCAG AGGAGGTGGC CACTGGAGCA GAGGTGGTGG ATCTGCTGGT GGCCATGTGT 840
AGGGCAGCTT TAGAGTCCCC TAGAAAGAGC ATCATCTTTG AGCCTTATCC CTCTGTGGTG 900
GACCCCACTG ATCCCAAGAC TCTGGCCTTT AACCCTAAGA AGAAGAATTA TGAGCGGCTT 960
CAGAAAGCTC TGGATAGTGT GATGTCTATT CGGGAGATGA CCCAGGGCTC ATATTTGGAA 1020
ATCAAGAAAC AGATGGACAA GTTGGATCCC CTGGCCCATC CTCTCCTGCA GTGGATCATC 1080
TCTAGCAACA GGTCACACAT TGTCAAACTA CCTCTCAGCA GGCTGAAGTT CATGCACACC 1140
TCACACCAGT TCCTCCTGCT GAGCAGCCCT CCTGCCAAGG AGGCTCGGTT CCGGACCGCC 1200
AAGAAGCTCT ATGGCAGCAC CTTTGCCTTC CATGGGTCCC ACATTGAGAA CTGGCATTCG 1260
ATCCTGCGCA ATGGGCTGGT CAATGCATCC TACACCAAAC TGCAGCTGCA TGGAGCAGCC 1320
TATGGCAAAG GCATCTACCT GAGCCCCATC TCCAGTATTT CCTTTGGATA CTCAGGAATG 1380
GGAAAAGGAC AGCACAGGAT GCCCTCCAAG GATGAGCTGG TCCAGAGATA CAACAGGATG 1440
AATACCATCC CCCAGACCCG ATCCATTCAG TCACGGTTCC TGCAGAGTCG GAATCTAAAC 1500
TGTATAGCAC TTTGTGAAGT GATTACATCT AAGGACCTCC AGAAGCATGG GAACATCTGG 1560
GTGTGCCCTG TGTCCGACCA TGTCTGCACA AGATTCTTCT TTGTATATGA GGATGGTCAG 1620
GTGGGCGATG CCAACATTAA TACTCAGGAC CCCAAGATAC AGAAGGAAAT CATGCGTGTG 1680
ATCGGAACTC AGGTTTACAC AAACTGAGGG GGCCCCAGCC CTCGTACCAC CCCTGTTACC 1740
CCAGGATCCA TCTGCCCTCA TAAAAGTGTT CAGGTACAGC AGCTGAGGCT GCCCTGAGGA 1800
ATCAAGGGGC CATTACCAAG GGGCAGGAAA AGGATATGTA AGAGGTGGCC TTCATGGTAG 1860
AGCTTGACCC AAGAACTACT CCACATTCGG ATGGCCCAGA CTGACTCCAT CCCCTGACTT 1920
TCCCTTTGAC TTCACCCTGT TTGTAAATAA AACAATAAAA TGGAAGGTGC TGTGGACTGG 1980
AAAAAAAAAA AAAAAAAAAA 2000

Name: 307 Len: 2268 Check: 12EC

ATGGCCAGCG TCCACGAGAG CCTCTACTTC AATCCCATGA TGACCAATGG GGTTGTGCAC 60
GCCAATGTGT TAGGCATCAA GGACTGGGTG ACGCCGTACA AGATCGCGGT GCTGGTGCTG 120
CTGAACGAGA TGAGCCGCAC AGGCGAGGGC GCCGTCAGCC TCATGGAGCG GCGGAGGCTC 180
AACCAGCTGC TCCTGCCCCT GCTGCAGGGC CCAGATATTA CACTGTCAAA ACTTTACAAG 240
TTAATTGAAG AGTCTTGTCC ACAGCTGGCA AATTCAGTGC AGATCAGAAT CAAACTGATG 300
GCTGAAGGCG AGTTGAAGGA TATGGAACAG TTTTTTGATG ACCTTTCAGA TTCTTTCTCT 360
GGAACTGAAC CAGAGGTTCA CAAAACAAGT GTAGTAGGTT TGTTTCTGCG TCACATGATC 420
TTGGCCTACA GTAAGCTTTC TTTCAGCCAA GTGTTTAAAC TGTACACTGC CCTTCAGCAG 480
TACTTCCAGA ATGGTGAGAA AAAGACAGTG GAGGATGCTG ATATGGAACT GACCAGTAGA 540
GATGAGGGTG AAAGAAAAAT GGAAAAAGAA GAACTTGATG TATCTGTAAG AGAAGAGGAG 600
GTATCTTGCA GTGGGCCTCT GTCCCAAAAA CAAGCAGAAT TTTTTCTTTC TCAACAGGCT 660
TCTTTGCTAA AGAATGATGA GACTAAGGCC CTCACTCCAG CTTCCTTGCA GAAGGAATTA 720
AACAATTTGT TGAAATTTAA TCCTGATTTT GCTGAAGCGC ATTATCTCAG CTACTTAAAC 780
AACCTCCGTG TCCAAGATGT TTTCAGTTCA ACACACAGTC TCCTCCATTA TTTTGATCGT 840
CTGATTCTTA CCGGAGCCGA AAGCAAAAGT AATGGGGAAG AGGGCTATGG CCGGAGCTTG 900
AGATACGCCG CTCTGAATCT TGCCGCCCTG CACTGCCGCT TCGGTCACTA TCAACAGGCA 960
GAGCTCGCCC TGCAGGAGGC AATTAGGATT GCCCAGGAGT CCAACGATCA CGTGTGTCTC 1020
CAGCACTGTT TGAGCTGGCT TTATGTGCTG GGGCAGAAGA GATCCGATAG CTATGTTCTG 1080
CTGGAGCATT CTGTGAAGAA GGCAGTACAT TTTGGGTTAC CGTACCTCGC CTCCCTGGGA 1140
ATACAGTCCC TTGTTCAACA GAGAGCTTTT GCTGGGAAGA CGGCAAACAA GCTGATGGAT 1200
GCCCTAAAGG ACTCCGACCT CCTGCACTGG AAACACAGCC TGTCAGAGCT CATCGATATC 1260
AGCATCGCAC AGAAAACGGC CATCTGGAGG CTGTATGGCC GCAGCACCAT GGCACTGCAA 1320
CAGGCCCAGA TGTTGCTGAG CATGAACAGC CTGGAGGCGG TGAATGCGGG CGTGCAGCAG 1380
AACAACACAG AGTCCTTTGC TGTCGCACTC TGCCACCTCG CAGAGCTACA CGCGGAGCAG 1440
GGCTGTTTTG CTGCAGCTTC TGAAGTGTTA AAGCACTTGA AGGAACGATT TCCGCCTAAT 1500
AGTCAGCACG CCCAGTTATG GATGCTATGT GATCAAAAAA TACAGTTTGA CAGAGCAATG 1560

90

AATGATGGCA AATATCATTT GGCTGATTCA CTTGTTACAG GAATCACAGC TCTCAATAGC 1620
ATAGAGGGTG TTTATAGGAA AGCGGTTGTA TTACAAGCTC AGAACCAAAT GTCAGAGGCA 1680
CATAAGCTTT TACAAAAATT GTTGGTTCAT TGTCAGAAAC TGAAGAACAC AGAAATGGTG 1740
ATCAGTGTCC TACTGTCCGT GGCAGAGCTG TACTGGCGAT CTTCCTCCCC TACCATCGCG 1800
CTGCCCATGC TCCTGCAGGC TCTGGCCCTC TCCAAGGAGT ACCGGTTACA GTACTTGGCC 1860
TCTGAAACAG TGCTGAACTT GGCTTTTGCG CAGCTCATTC TTGGAATCCC AGAACAGGCC 1920
TTAAGTCTTC TCCACATGGC CATCGAGCCC ATCTTGGCTG ACGGGGCTAT CCTGGACAAA 1980
GGTCGTGCCA TGTTCTTAGT GGCCAAGTGC CAGGTGGCTT CAGCAGCTTC CTACGATCAG 2040
CCGAAGAAAG CAGAAGCTCT GGAGGCTGCC ATCGAGAACC TCAATGAAGC CAAGAACTAT 2100
TTTGCAAAGG TTGACTGCAA AGAGCGCATC AGGGACGTCG TTTACTTCCA GGCCAGACTC 2160
TACCATACCC TGGGGAAGAC CCAGGAGAGG AACCGGTGTG CGATGCTCTT CCGGCAGCTG 2220
CATCAGGAGC TGCCCTCTCA TGGGGTACCC TTGATAAACC ATCTCTAG 2268

Name: 308 Len: 3176 Check: 1B22

GGTGGTGGCG GCGGCGCAAG GGTGAGGGCG GCCCCAGAAC CCCAGGTAGG TAGAGCAAGA 60
AGATGGTGTT TCTGCCCCTC AAATGGTCCC TTGCAATCAT GTCATTTCTA CTTTCCTCAC 120
TGTTGGCTCT CTTAACTGTG TCCACTCCTT CATGGTGTCA GAGCACTGAA GCATCTCCAA 180
AACGTAGTGA TGGGACACCA TTTCCTTGGA ATAAAATACG ACTTCCTGAG TACGTCATCC 240
CAGTTCATTA TGATCTCTTG ATCCATGCAA ACCTTACCAC GCTGACCTTC TGGGGAACCA 300
CGAAAGTAGA AATCACAGCC AGTCAGCCCA CCAGCACCAT CATCCTGCAT AGTCACCACC 360
TGCAGATATC TAGGGCCACC CTCAGGAAGG GAGCTGGAGA GAGGCTATCG GAAGAACCCC 420
TGCAGGTCCT GGAACACCCC CCTCAGGAGC AAATTGCACT GCTGGCTCCC GAGCCCCTCC 480
TTGTCGGGCT CCCGTACACA GTTGTCATTC ACTATGCTGG CAATCTTTCG GAGACTTTCC 540
ACGGATTTTA CAAAAGCACC TACAGAACCA AGGAAGGGGA ACTGAGGATA CTAGCATCAA 600
CACAATTTGA ACCCACTGCA GCTAGAATGG CCTTTCCCTG CTTTGATGAA CCTGCCTTCA 660
AAGCAAGTTT CTCAATCAAA ATTAGAAGAG AGCCAAGGCA CCTAGCCATC TCCAATATGC 720
CATTGGTGAA ATCTGTGACT GTTGCTGAAG GACTCATAGA AGACCATTTT GATGTCACTG 780
TGAAGATGAG CACCTATCTG GTGGCCTTCA TCATTTCAGA TTTTGAGTCT GTCAGCAAGA 840
TAACCAAGAG TGGAGTCAAG GTTTCTGTTT ATGCTGTGCC AGACAAGATA AATCAAGCAG 900
ATTATGCACT GGATGCTGCG GTGACTCTTC TAGAATTTTA TGAGGATTAT TTCAGCATAC 960
CGTATCCCCT ACCCAAACAA GATCTTGCTG CTATTCCCGA CTTTCAGTCT GGTGCTATGG 1020
AAAACTGGGG ACTGACAACA TATAGAGAAT CTGCTCTGTT GTTTGATGCA GAAAAGTCTT 1080
CTGCATCAAG TAAGCTTGGC ATCACAATGA CTGTGGCCCA TGAACTGGCC CACCAGTGGT 1140
TTGGGAACCT GGTCACTATG GAATGGTGGA ATGATCTTTG GCTAAATGAA GGATTTGCCA 1200
AATTTATGGA GTTTGTGTCT GTCAGTGTGA CCCATCCTGA ACTGAAAGTT GGAGATTATT 1260
TCTTTGGCAA ATGTTTTGAC GCAATGGAGG TAGATGCTTT AAATTCCTCA CATCCTGTGT 1320
CTACACCTGT GGAAAATCCT GCTCAGATCC GGGAGATGTT TGATGATGTT TCTTATGATA 1380
AGGGAGCTTG TATTCTGAAT ATGCTAAGGG AGTATCTTAG TGCTGACGCA TTTAAAAGTG 1440
GTATTGTACA GTATCTCCAG AAGCATAGCT ATAAAAATAC AAAAAACGAG GACCTGTGGG 1500
ATAGTATGGC AAGTATTTGC CCTACAGATG GTGTAAAAGG GATGGATGGC TTTTGCTCTA 1560
GAAGTCAACA TTCATCTTCA TCCTCACATT GGCATCAGGA AGGGGTGGAT GTGAAAACCA 1620
TGATGAACAC TTGGACACTG CAGAAGGGTT TTCCCCTAAT AACCATCACA GTGAGGGGGA 1680
GGAATGTACA CATGAAGCAA GAGCACTACA TGAAGGGCTC TGACGGCGCC CCGGACACTG 1740
GGTACCTGTG GCATGTTCCA TTGACATTCA TCACCAGCAA ATCCGACATG GTCCATCGAT 1800
TTTTGCTAAA AACAAAAACA GATGTGCTCA TCCTCCCAGA AGAGGTGGAA TGGATCAAAT 1860
TTAATGTGGG CATGAATGGC TATTACATTG TGCATTACGA GGATGATGGA TGGGACTCTT 1920
TGACTGGCCT TTTAAAAGGA ACACACACAG CAGTCAGCAG TAATGATCGG GCGAGTCTCA 1980
TTAACAATGC ATTTCAGCTC GTCAGCATTG GGAAGCTGTC CATTGAAAAG GCCTTGGATT 2040
TATCCCTGTA CTTGAAACAT GAAACTGAAA TTATGCCCGT GTTTCAAGGT TTGAATGAGC 2100
TGATTCCTAT GTATAAGTTA ATGGAGAAAA GAGATATGAA TGAAGTGGAA ACTCAATTCA 2160
AGGCCTTCCT CATCAGGCTG CTAAGGGACC TCATTGATAA GCAGACATGG ACAGACGAGG 2220
GCTCAGTCTC AGAGCGAATG CTGCGGAGTC AACTACTACT CCTCGCCTGT GTGCACAACT 2280
ATCAGCCGTG CGTACAGAGG GCAGAAGGCT ATTTCAGAAA GTGGAAGGAA TCCAATGGAA 2340
ACTTGAGCCT GCCTGTCGAC GTGACCTTGG CAGTGTTTGC TGTGGGGGCC CAGAGCACAG 2400
AAGGCTGGGA TTTTCTTTAT AGTAAATATC AGTTTTCTTT GTCCAGTACT GAGAAAAGCC 2460
AAATTGAATT TGCCCTCTGC AGAACCCAAA ATAAGGAAAA GCTTCAATGG CTACTAGATG 2520
AAAGCTTTAA GGGAGATAAA ATAAAAACTC AGGAGTTTCC ACAAATTCTT ACACTCATTG 2580
GCAGGAACCC AGTAGGATAC CCACTGGCCT GGCAATTTCT GAGGAAAAAC TGGAACAAAC 2640
TTGTACAAAA GTTTGAACTT GGCTCATCTT CCATAGCCCA CATGGTAATG GGTACAACAA 2700
ATCAATTCTC CACAAGAACA CGGCTTGAAG AGGTAAAAGG ATTCTTCAGC TCTTTGAAAG 2760
AAAATGGTTC TCAGCTCCGT TGTGTCCAAC AGACAATTGA AACCATTGAA GAAAACATCG 2820
GTTGGATGGA TAAGAATTTT GATAAAATCA GAGTGTGGCT GCAAAGTGAA AAGCTTGAAC 2880
GTATGTAAAA ATTCCTCCCT TGCCAGGTTC CTGTTATCTC TAATCACCAA CATTTTGTTG 2940
AGTGTATTTT CAAACTAGAG ATGGCTGTTT TGGCTCCAAC TGGAGATACT TTTTTCCCTT 3000

CAACTCATTT TTTGACTATC CCTGTGAAAA GAATAGCTGT TAGTTTTTCA TGAATGGGCT 3060
TTTTCATGAA TGGGCTATCG CTACCATGTG TTTTGTTCAT CACAGGTGTT GCCCTGCAAC 3120
GTAAACCCAA GTGTTGGGTT CCCTGCCACA GAAGAATAAA GTACCTTATT CTTCTC 3176

Name: 309 Len: 2059 Check: 1D13

GCGGCCGCCA AGCGATCCCT GCTCCGCGCG ACACTGCGTG CCCGCGCACG CAGAGAGGCG 60
GTGACGCACT TTACGGCGGC ACGTAAGTGC GTGACGCTCG TCAGTGGCTT CAGTTCACAS 120
GTGGCGCCMG SASGMRGGTT GCTGTGTTTG TGCTTCCTTC TACAGCCAAT ATGAAAAGGC 180
CTAAGTTAAA GAAAGCAAGT AAACGCATGA CCTGCCATAA GCGGTATAAA ATCCAAAAAA 240
AGGTTCGAGA ACATCATCGA AAATTAAGAA AGGAGGCTAA AAAGCAGGGT CACAAGAAGC 300
CTAGGAAAGA CCCAGGAGTT CCAAACAGTG CTCCCTTTAA GGAGGCTCTT CTTAGGGAAG 360
CTGAGCTAAG GAAACAGAGG CTTGAAGAAC TAAAACAGCA GCAGAAACTT GACAGGCAGA 420
AGGAACTAGA AAAGAAAAGA AAACTTGAAA CTAATCCTGA TATTAAGCCA TCAAATGTGG 480
AACCTATGGA AAAGGAGTTT GGGCTTTGCA AAACTGAGAA CAAAGCCAAG TCGGGCAAAC 540
AGAATTCAAA GAAGCTGTAC TGCCAAGAAC TTAAAAAGGT GATTGAAGCC TCCGATGTTG 600
TCCTAGAGGT GTTGGATGCC AGAGATCCTC TTGGTTGCAG ATGTCCTCAG GTAGAAGAGG 660
CCATTGTCCA GAGTGGACAG AAAAAGCTGG TACTTATATT AAATAAATCA GATCTGGTAC 720
CAAAGGAGAA TTTGGAGAGC TGGCTAAATT ATTTGAAGAA AGAATTGCCA ACAGTGGTGT 780
TCAGAGCCTC AACAAAACCA AAGGATAAAG GGAAGATAAC CAAGCGTGTG AAGGCAAAGA 840
AGAATGCTGC TCCATTCAGA AGTGAAGTCT GCTTTGGGAA AGAGGGCCTT TGGAAACTTC 900
TTGGAGGTTT TCAGGAAACT TGCAGCAAAG CCATTCGGGT TGGAGTAATT GGTTTCCCAA 960
ATGTGGGGAA AAGCAGCATT ATCAATAGCT TAAAACAAGA ACAGATGTGT AATGTTGGTG 1020
TATCCATGGG GCTTACAAGG AGCATGCAAG TTGTCCCCTT GGACAAACAG ATCACAATCA 1080
TAGATAGTCC GAGCTTCATC GTATCTCCAC TTAATTCCTC CTCTGCGCTT GCTCTGCGAA 1140
GTCCAGCAAG TATTGAAGTA GTAAAACCGA TGGAGGCTGC CAGTGCCATC CTTTCCCAGG 1200
CTGATGCTCG ACAGGTAGTA CTGAAATATA CTGTCCCAGG CTACAGGAAT TCTCTGGAAT 1260
TTTTTACTAT GCTTGCTCAG AGAAGAGGTA TGCACCAAAA AGGTGGAATC CCAAATGTTG 1320
AAGGTGCTGC CAAACTGCTG TGGTCTGAGT GGACAGGTGC CTCATTAGCT TACTATTGCC 1380
ATCCCCCTAC ATCTTGGACT CCTCCTCCAT ATTTTAATGA GAGTATTGTG GTAGACATGA 1440
AAAGCGGCTT CAATCTGGAA GAACTGGAAA AGAACAATGC ACAGAGCATA AGAGCCATCA 1500
AGGGCCCTCA TTTGGCCAAT AGCATCCTTT TCCAGTCTTC CGGTCTGACA AATGGAATAA 1560
TAGAAGAAAA GGACATACAT GAAGAATTGC CAAAACGGAA AGAAAGGAAG CAGGAGGAGA 1620
GGGAGGATGA CAAAGACAGT GACCAGGAAA CTGTTGATGA AGAAGTTGAT GAAAACAGCT 1680
CAGGCATGTT TGCTGCAGAA GAGACAGGGG AGGCACTTCT GAGGAGACTA CAGCAGGTGA 1740
ACAGTCTACA AGGTCTTTTA TCTTGGATAA AATCATTGAA GAGGATGATG CTTATGACTT 1800
CAGTACAGAT TATGTGTAAC AGAACAATGG CTTTTTATGA TTTTTTTTTT TAACATTTTA 1860
AGCAGACTGC TAAACTGTTC TCTGTATAAG TTATGGTATG CATGAGCTGT GTAAATTTTG 1920
TGAATATGTA TTATATTAAA ACCAGGCAAC TTGGAATCCC TAAATTCTGT AAAAAGACAA 1980
TTCATCTCAT TGTGAGTGGA AGTAGTTATC TGGAATAAAA AAAGAAGATA CCTATTGAAA 2040
AAAAAAAAAA AAAAAAAAA 2059

Name: 31 Len: 550 Check: 2010

TCAGACTCTC CTCGTTCGCG CAGTCAGCTC GGCTCCTTCC AGCAACCATG TCTGACAAAC 60
CCGATATGGC TGAGATCGAG AAATTCGATA AGTCGAAGTT GAAGAAAACA GAAACGCAAG 120
AGAAAAATCC TCTGCCTTCA AAAGAAACAA TTGAACAAGA GAAGCAAGCT GGCGAATCGT 180
AATGAGGCGA GCGCGCCAAT ATGCACTGTA CATTCCACGA GCATTGCCTT CTTATTTTAC 240
TTCTTTTAGC TGTTTAACTT TGTAAGATGC AAAGAGGTTG GATCAAGTTT AAATCGACTG 300
TGCTGCCCCT TTCACATCAA AGAATCAGAA CTACTGAGCA GGAAGGCCTC CCCTGCCTCT 360
CCCACCCATC TGATGGTCTG GCTAGCAGAG AGGGAAAAGA ACTTGCATGT TGGTGAAGGA 420
AAAAGCTGGG TGGGAGATGA TGAATNGAGA GGAAAATTTC AAGATGGTCC AAGATGTCCT 480
GGCAGGATGT AAATGGCAGT TTTAATCAGA GTGGCATTTT TTTTTTGGTT CAAACAATTT 540
TAATTATTGG 550

Name: 310 Len: 2238 Check: 1154

CGTTGCCGGG TCGCAGGTCC CGCCAGTGCG AGCGCAACGG AGGTCGAAGG CGTTCAGACT 60
CTTAGCTGAA CGCGGAGCTG CGGCGGCTAT GCTGTGGAGC GGCTGCCGGC GTTTCGGGGC 120
GCGCCTCGGC TGCCTGCCCG GCGGTCTCCG GGTCCTCGTC CAGACCGGCC ACCGGAGCTT 180
GACCTCCTGC ATCGACCCTT CCATGGGACT TAATGAAGAG CAGAAAGAAT TTCAAAAAGT 240
GGCCTTTGAC TTTGCTGCCC GAGAGATGGC TCCAAATATG GCAGAGTGGG ACCAGAAGGA 300
GCTGTTCCCA GTGGATGTGA TGCGGAAGGC AGCCCAGCTA GGCTTCGGAG GGGTCTACAT 360
ACAAACAGAT GTGGGCGGGT CTGGGCTGTC ACGTCTTGAT ACCTCTGTCA TTTTTGAAGC 420
CTTGGCTACA GGCTGCACCA GCACCACAGC CTATATAAGC ATCCACAACA TGTGTGCCTG 480
GATGATTGAT AGCTTCGGAA ATGAGGAACA GAGGCACAAA TTTTGCCCAC CGCTCTGTAC 540
CATGGAGAAG TTTGCTTCCT ACTGCCTCAC TGAACCAGGA AGTGGGAGTG ATGCTGCCTC 600
TCTTCTGACC TCCGCTAAGA AACAGGGAGA TCATTACATC CTCAATGGCT CCAAGGCCTT 660
CATCAGTGGT GCTGGTGAGT CAGACATCTA TGTGGTCATG TGCCGAACAG GAGGACCAGG 720

92

```
CCCCAAGGGC ATCTCATGCA TAGTTGTTGA GAAGGGGACC CCTGGCCTCA GCTTTGGCAA   780
GAAGGAGAAA AAGGTGGGGT GGAACTCCCA GCCAACACGA GCTGTGATCT TCGAAGACTG   840
TGCTGTCCCT GTGGCCAACA GAATTGGGAG CGAGGGGCAG GGCTTCCTCA TTGCCGTGAG   900
AGGACTGAAC GGAGGGAGGA TCAATATTGC TTCCTGCTCC CTGGGGGCTG CCCACGCCTC   960
TGTCATCCTC ACCCGAGACC ACCTCAATGT CCGGAAGCAG TTTGGAGAGC CTCTGGCCAG  1020
TAACCAGTAC TTGCAATTCA CACTGGCTGA TATGGCAACA AGGCTGGTGG CCGCGCGGCT  1080
GATGGTCCGC AATGCAGCAG TGGCTCTGCA GGAGGAGAGG AAGGATGCAG TGGCCTTGTG  1140
CTCCATGGCC AAGCTCTTTG CTACAGATGA ATGCTTTGCC ATCTGCAACC AGGCCTTGCA  1200
GATGCACGGG GGCTACGGCT ACCTGAAGGA TTACGCTGTT CAGCAGTACG TGCGGGACTC  1260
CAGGGTCCAC CAGATTCTAG AAGGTAGCAA TGAAGTGATG AGGATACTGA TCTCTAGAAG  1320
CCTGCTTCAG GAGTAGAACC CACACTTGTT CTGGCCTGGT GTTCAGTGCG ACTGCAGTCA  1380
GTGTTGAGTG GTGCCATGTG GGCCGCTCTA TTCCAAAGGA ATCATGGATT AGACCCAAGG  1440
GCTGAGCTCC TCTAGGGCAG GACCTGCACC CTGTGTGTTG GCACCAGCAT CGGGTCTTGG  1500
ACTGGGGCAG AATCCCCAGT GGAACCGGAA GAGCTGGACT GATGAGAAAC ATCAGAAGAA  1560
CACATACTAC CTTGTTTTCC TAATGCCAGA AGGGTGACCA GTGAAGATTC ACCGTCAAAC  1620
CATGAAAGTC CTTTCTTGGA TCCACTTTAT CTTGATTAGT CTGCATTTTA CTAGTTCACT  1680
GGATCCCTCC TCTAGGGGCC TGGGGACTTT CACTGATGCT CTTCCTGATT CTAGAGCAAA  1740
GGTGTGGGAA GGGGAAATGG AGGAATGCCC TCCTGTCTGT GTCGTTCTCT GTGCCACAGC  1800
TACAGATGCA GAAGGTTTCT CTGGATAGCA CACCTCTGAA TGTAAATCAT GATAAAATGG  1860
ATATTTGGAA ACTTACTCCT AAGCTGTGAT GTAGGGTGTA TTTCTACTTC TGGACTGCCT  1920
CAATATCAAG GGCTGAGACT TTTGAATGTT GAATATTCGT TGGGTTTCAT GTTAAGACGC  1980
CTGTGGTCCA GGAGTGCTAT TCAGTGTTTC TGTTCCTGAT AAACACTTTG AATATTTTTT  2040
TGTGTTTTTG TTTCCTTTTC TGAAGCTGTT CCTCCTTTTA AATATTTTTA ATCACATTGA  2100
TAAAATCTAT CCTTCATCCA CCTCTGGTTC TACTATAGTT GATTTTTATT TTAAATGTTT  2160
AATTGTATTT GATTAAACAC TTAACTGGAT TTTGGAATAA TAAAACTCTC GTCCAATTTG  2220
GCTTTTAAAA AAAAAAAA                                               2238
Name: 311                Len:  3334  Check:      1CA
CGGAGGAGGC CCAGAGACCG GAGCGCGGAG ACCTCAGCCA GCGGCCTACG CCCAGGCCTT    60
TCTCCACCGG AGGACCAGGG AACCGCAGTC TTCATCACAG AGGTACCGTG CTCCGCGCTC   120
CCCGCCTGAC CCGGCCCAGC CCGCTGCGGC GGTGCCTCCT TCCTTCCTCC TTCCCTCGCG   180
CTCTCTCTTT CGCCCGCCCG CGCCTTCCCT GCCCGCCTGC GTCACCGCGG CCGCCATGGC   240
TGAGAATGGC GAGAGCAGCG GCCCCCCGCG CCCCTCCCGC GGCCCTGCTG CGGCCCAAGG   300
CTCGGCTGCT GCCCCGGCTG AGCCTAAAAT CATCAAAGTC ACGGTGAAGA CTCCCAAAGA   360
GAAAGAGGAG TTCGCGGTGC CCGAGAACAG CTCGGTTCAG CAGTTTAAGG AAGCGATTTC   420
GAAACGCTTC AAATCCCAAA CCGATCAGCT AGTGCTGATT TTTGCCGGAA AAATCTTAAA   480
AGATCAAGAT ACCTTGATCC AGCATGGCAT CCATGATGGG CTGACTGTTC ACCTTGTCAT   540
CAAAAGCCAG AACCGACCTC AGGGCCAGTC CACGCAGCCT AGCAATGCCG CGGGAACTAA   600
CACTACCTCG GCGTCGACTC CCAGGAGTAA CTCCACACCT ATTTCCACAA ATAGCAACCC   660
GTTTGGGTTG GGGAGCCTGG GAGGACTTGC AGGCCTTAGC AGCCTGGGCT TGAGCTCGAC   720
CAACTTCTCT GAGCTCCAGA GCCAGATGCA GCAGCAGCTT ATGGCCAGCC CTGAGATGAT   780
GATCCAAATA ATGGAAAATC CCTTTGTTCA GAGCATGCTT TCGAATCCCG ATCTGATGAG   840
GCAGCTGATT ATGGCTAATC CACAGATGCA GCAATTGATT CAGAGAAACC CAGAAATCAG   900
TCACCTGCTC AACAACCCAG ACATAATGAG GCAGACACTC GAAATTGCCA GGAATCCAGC   960
CATGATGCAA GAGATGATGA GAAATCAAGA CCTGGCTCTT AGCAATCTAG AAAGCATCCC  1020
AGGTGGCTAT AATGCTTTAC GGCGCATGTA CACTGACATT CAAGAGCCGA TGCTGAATGC  1080
CGCACAAGAG CAGTTTGGGG GTAATCCATT TGCCTCCGTG GGGAGTAGTT CCTCCTCTGG  1140
GGAAGGTACG CAGCCTTCCC GCACAGAAAA TCGCGATCCA CTACCCAATC CATGGGCACC  1200
ACCGCCAGCT ACCCAGAGTT CTGCAACTAC CAGCACGACC ACAAGCACTG GTAGTGGGTC  1260
TGGCAATAGT TCCAGCAATG CTACTGGGAA CACCGTTGCT GCCGCTAATT ATGTCGCCAG  1320
CATCTTTAGT ACCCCAGGCA TGCAGAGCCT GCTGCAACAG ATAACTGAAA ACCCCCAGCT  1380
GATTCAGAAT ATGCTGTCGG CGCCCTACAT GAGAAGCATG ATGCAGTCGC TGAGCCAGAA  1440
TCCAGATTTG GCTGCACAGA TGATGCTGAA TAGCCCGCTG TTTACTGCAA ATCCTCAGCT  1500
GCAGGAGCAG ATGCGGCCAC AGCTCCCAGC CTTCCTGCAG CAGATGCAGA ATCCAGACAC  1560
ACTATCAGCC ATGTCAAACC CAAGAGCAAT GCAGGCTTTA ATGCAGATCC AGCAGGGGCT  1620
ACAGACATTA GCCACTGAAG CACCTSGCCT GATTCCGAGC TTCACTCCAG GTGTGGGGGT  1680
GGGGGTGCTG GGAACCGCTA TAGGCCCTGT AGGCCCAGTC ACCCCCATAG GCCCCATAGG  1740
CCCTATAGTC CCTTTTACCC CCATAGGCCC CATTGGGCCC ATAGGACCCA CTGGCCCTGC  1800
AGCCCCCCCT GGCTCCACCG GCTCTGGTGG CCCCACGGGG CCTACTGTGT CCAGCGCTGC  1860
ACCTAGAGAA ACCACGAGTC CTACATCAGA ATCTGGACCC AACCAGCAGT TCATTCAGCA  1920
AATGGTGCAG GCCCTGGCTG GAGCAAATGC TCCACAGCTG CCGAATCCAG AAGTCAGATT  1980
TCAGCAACAA CTGGAACAGC TCAACGCAAT GGGGTTCTTA AACCGTGAAG CAAACTTGCA  2040
GGCCCTAATA GCAACAGGAG GCGACATCAA TGCAGCCATT GAAAGGCTGC TGGGCTCCCA  2100
GCCATCGTAA TCACATTTCT GTACCTGGAA AAAAAATGTA TCTTATTTTT GATAATGGCT  2160
```

CTTAAATCTT TAAACACACA CACAAAATCG TTCTTTACTT TCATTTTGAT TCTTTTAAAT 2220
CTGTCTAGTT GTAAGTCTAA TATGATGCAT TTTAAGATGG AGTCCCTCCC TCCTACTTCC 2280
CTCACTCCCT TTCTCCTTTG CTTATTTTTC CTACCTTCCC TTCCTCTTGT CTCCCCACTC 2340
CCTCCCTCTT TGTTTCCTTC CTTCCTTATT TCCTTTAGTT TCCTTCCTTA GCCGTTTTTA 2400
GTGGTGGGAA TCAAATGCTG TTTCACTCAA AAGTGTTGCA TGCAAACACT TCTCTTTATT 2460
CTGCATTTAT TGTGATTTTT GGAAACAGGT ATCAACCTTC ACAGGTTGGG TGCAACAAGT 2520
GTTGTCCTAC AGATGTCCAA TTTATTTGCA TTTTTAAACA TTAGCCTATG ATAGTAATTT 2580
AATGTAGAAT GAAGATATTA AAACCAGAAG CAAATTATTT GAAGCCCTCT AATTTGTGGT 2640
ACGATATTGC CTTATTGTGA CTTTGGCAKG TATTTTTGCT AGCAAAATGC TGTAAGATTT 2700
ATACCATTGA TCTTTTTTGC TATATTTGTA TACAGTACAG TAAGCACAAT TGGCCCTGTA 2760
CATCTAAAAA TATTACAGTA GAATCTGAGT GTAATATGTG TAACCAAAAT GAGAAAGAAT 2820
ACAAGAAATG TTTCTGGAGC TAGTTATGTC TCACAATTTT GTAGAATCTT ACAGCATCTT 2880
TGATAAACTT CTCAGTGAAA ATGTTGGCTA GGCAAGTTCA GTTAAAACAT AGTACAAATG 2940
TTTATCCTGG CATCTCTAAG TACACATTTA ATTGCACAGA AAATTTACAG TGTAACATTG 3000
CGTCAACATT TGCAGATTGA CTGCATATGA CCTTAATCTT TGTGCAGCCT GAAGGATCAG 3060
TGTAGTAATG CCAGGAAAGT GCTTTTTACC TAAGACTTCC TTCTCAGCTT CTCCCATAAA 3120
CAGACCCTAA TATGCATTTT GATTTGTAAT TGGAAATGTA ACTTTCCCTG AAAGTGTCAT 3180
GTGATGTTTG CATTACTTTT AACTGCTATG TATAAAGGAA AGTGTGTCTT TTGACTTCAT 3240
CAGTTATTTC TCTTGCGCCC ACAGAAAAAT GCATTAAAAA TGACTAAAAA AAATAAAAAA 3300
TTAAAAAATG GAAAAAAAAA AAAAAAAAAA AAAA 3334

Name: 312 Len: 1701 Check: 1755

GGAACAAAAG CTGGAGCTCC ACCGCGGTGG CGGCCGCTCT AGAACTAGTG GATCCCCCGG 60
GCTGCAGGAA TTCGGCACGA GCAGAAGAGG GGGCTAGCTA GCTGTCTCTG CGGACCAGGG 120
GAGACCCCGC GCCCCCCCGG TGTGAGGCGG CCTCACAGGG CCGGGTGGGC TGGCGAGCCG 180
ACGCGGCGGC GGAGGAGGCT GTGAGGAGTG TGTGGAACAG GACCCGGGAC AGAGGAACCA 240
TGGCTCCGCA GAACCTGAGC ACCTTTTGCC TGTTGCTGCT ATACCTCATC GGGGCGGTG. 300
TTGCCGGACG AGATTTCTAT AAGATCTTGG GGGTGCCTCG AAGTGCCTCT ATAAAGGATA 360
TTAAAAAGGC CTATAGGAAA CTAGCCCTGC AGCTTCATCC CGACCGGAAC CCTGATGATC 420
CACAAGCCCA GGAGAAATTC CAGGATCTGG GTGCTGCTTA TGAGGTTCTG TCAGATAGTG 480
AGAAACGGAA ACAGTACGAT ACTTATGGTG AAGAAGGATT AAAAGATGGT CATCAGAGCT 540
CCCATGGAGA CATTTTTTCA CACTTCTTTG GGGATTTTGG TTTCATGTTT GGAGGAACCC 600
CTCGTCAGCA AGACAGAAAT ATTCCAAGAG GAAGTGATAT TATTGTAGAT CTAGAAGTCA 660
CTTTGGAAGA AGTATATGCA GGAAATTTTG TGGAAGTAGT TAGAAACAAA CCTGTGGCAA 720
GGCAGGCTCC TGGCAAACGG AAGTGCAATT GTCGGCAAGA GATGCGGACC ACCCAGCTGG 780
GCCCTGGGCG CTTCCAAATG ACCCAGGAGG TGGTCTGCGA CGAATGCCCT AATGTCAAAC 840
TAGTGAATGA AGAACGAACG CTGGAAGTAG AAATAGAGCC TGGGGTGAGA GACGGCATGG 900
AGTACCCCTT TATTGGAGAA GGTGAGCCTC ACGTGGATGG GGAGCCTGGA GATTTACGGT 960
TCCGAATCAA AGTTGTCAAG CACCCAATAT TTGAAAGGAG AGGAGATGAT TTGTACACAA 1020
ATGTGACAAT CTCATTAGTT GAGTCACTGG TTGGCTTTGA GATGGATATT ACTCACTTGG 1080
ATGGTCACAA GGTACATATT TCCCGGGATA AGATCACCAG GCCAGGAGCG AAGCTATGGA 1140
AGAAAGGGGA AGGGCTCCCC AACTTTGACA ACAACAATAT CAAGGGCTCT TTGATAATCA 1200
CTTTTGATGT GGATTTTCCA AAAGAACAGT TAACAGAGGA AGCGAGAGAA GGTATCAAAC 1260
AGCTACTGAA ACAAGGGTCA GTGCAGAAGG TATACAATGG ACTGCAAGGA TATTGAGAGT 1320
GAATAAAATT GGACTTTGTT TAAAATAAGT GAATAAGCGA TATTTATTAT CTGCAAGGTT 1380
TTTTTGTGTG TGTTTTTGTT TTTATTTTCA ATATGCAAGT TAGGCTTAAT TTTTTTATCT 1440
AATGATCATC ATGAAATGAA TAAGAGGGCT TAAGAATTTG TCCATTTGCA TTCGGAAAAG 1500
AATGACCAGC AAAAGGTTTA CTAATACGTC TCCCTTTGGG GATTTAATGT CTGGTGCTGC 1560
CGCCTGAGTT TCAAGAATTA AAGCTGCAAG AGGACTCCAG GAGCAAAAGA AACACAATAT 1620
AGAGGGTTGG AGTTGTTAGC AATTTCATTC AAAATGCCAA CTGGAGAAGT CTGTTTTTAA 1680
ATACATTTTG TTGTTATTTT T 1701

Name: 313 Len: 5956 Check: 1318

GGGGAGAACA CTTCTTTGTC TGGGATTCCA ACCAGCTCTG TCCTTAGCTT GTCTCTGCCT 60
AGCAGTGTTG CCCAAAGTAA TTTTCCACAA GGTTCTGGTG CTTCCGAAAT GGTTTCTAAT 120
CAGCCTGCTA ATTTGCTGGT TCAACCACCA TCCCAGCCAG TTCCAGAGAA CTTGGTTCCA 180
GAAAGTCAAA AGGATCGTAA GGCAGGAAGT GCTCTTCCCG GATTTGCTAA TAGCCCTGCT 240
GGAAGCACAA GTGTGGTGTT AGTTCCACCT GCACACGGCA CCCTGGTGCC TGATGGTAAT 300
AAGGCAAACC ATTCCAGTCA TCAGGAAGAC ACTTACGGAG CCCTAGACTT TGCCTTAAGC 360
AGGACTTTGG AAAATCCTGT AAACGTGTAC AACCCGTCCC ATTCTGACAG CCTCGCTTCT 420
CAGCAAAGTG TTGCCAGTCA TCCCAGACAA TCTGGGCCTG GGGCGCCTAA CCTTGACCGT 480
TTTTATCAGC AGGTCACGAA AGATGCCCAG GGCCAGCCTG GCCTCGAAAG AGCCCAGCAG 540
GAGCTGGCGC CACCCCAGCA ACAGGCTTCT CCCCCACAAC TACCCAAAGC CATGTTTTCG 600
GAGCTGTCAA ATCCAGAAAG TCTGCCCGCA CAGGGACAGG CCCAGAACTC AGCACAGTCA 660
CCAGCAAGTC TGGTTCTGGT CGACGCGGGT CAGCAGCTGC CCCCTCGGCC TCCTCAGTCC 720

```
TCTAGCGTGT CTCTGGTGTC CAGTGGCTCC GGCCAGGCAG CTGTGCCGTC AGAGCAGCCG   780
TGGCCACAGC CAGTGCCTGC ACTTGCCCCC GGCCCACCGC CTCAGGACCT GGCCGCCTAC   840
TACTACTACC GGCCTTTGTA CGATGCCTAC CAGCCTCAGT ACTCTTTGCC GTACCCACCG   900
GAGCCTGGCG CAGCCTCCCT CTATTACCAG GATGTCTACA GCCTCTATGA GCCTCGATAC   960
AGGCCCTATG ATGGTGCTGC GTCTGCTTAC GCCCAGAACT ACCGCTATCC CGAGCCCGAG  1020
CGGCCCAGCT CCCGAGCCAG CCACTCCTCG GAACGGCCAC CTCCCAGGCA AGGATATCCT  1080
GAAGGATACT ATAGTTCCAA AAGTGGATGG AGCAGTCAGA GCGATTACTA TGCAAGCTAT  1140
TACTCCAGCC AGTACGATTA TGGAGATCCA GGTCACTGGG ATCGTTACCA CTACAGTGCT  1200
AGAGTCAGGG ACCCCCGCAC CTATGACCGG AGGTATTGGT GTGATGCAGA GTATGACGCA  1260
TACAGGAGAG AGCACTCTGC CTTCGGGGAC AGGCCCGAGA AACGTGACAA CAACTGGAGG  1320
TACGATCCTC GCTTCACGGG GAGTTTTGAC GATGACCCCG ATCCGCACAG AGACCCTTAT  1380
GGGGAAGAGG TGGACCGGCG CAGCGTCCAC AGCGAGCACT CGGCACGGAG CCTGCACAGC  1440
GCACACAGCC TGGCCAGCCG CCGCAGCAGC CTCAGCTCCC ACTCGCACCA GAGTCAGATT  1500
TACAGAAGCC ACAATGTGGC TGCCGGTTCC TACGAGGCCC CGCTTCCTCC AGGCTCCTTT  1560
CACGGCGATT TTGCCTACGG CACCTACCGC AGCAATTTCA GCAGTGGCCC CGGCTTCCCA  1620
GAGTATGGCT ACCCTGCCGA CACCGTCTGG CCTGCCATGG AGCAAGTTTC ATCAAGACCA  1680
ACTTCTCCTG AAAAATTTTC AGTGCCTCAT GTCTGTGCCA GGTTTGGCCC TGGCGGTCAG  1740
CTTATCAAAG TGATTCCCAA TCTGCCTTCA GAAGGACAGC CGGCCTTGGT GGAGGTCCAC  1800
AGCATGGAGG CCTTGCTGCA GCACACGTCT GAGCAGGAGG AGATGCGGGC GTTCCCGGGA  1860
CCCCTGGCCA AAGACGACAC CCATAAGGTG GATGTCATTA ATTTTGCACA GAACAAAGCT  1920
ATGAAATGTT TGCAGAATGA AAACTTAATT GACAAAGAGT CTGCAAGTCT TCTTTGGAAT  1980
TTTATTGTTC TCTTATGCAG ACAAAATGGG ACCGTGGTAG GGACCGACAT TGCGGAGCTT  2040
CTGTTACGAG ACCACAGAAC AGTGTGGCTT CCTGGGAAGT CGCCCAATGA AGCAAACCTG  2100
ATTGATTTCA CGAATGAGGC AGTGGAGCAG GTGGAAGAGG AGGAGTCTGG TGAGGCCCAG  2160
CTCTCTTTCC TCACTGGTGG TCCGGCGGCT GCCGCCAGCT CGCTCGAGAG AGAGACCGAG  2220
AGGTTCAGGG AGCTGTTGCT GTATGGCCGT AAGAAGGATG CTTTGGAGTC TGCAATGAAG  2280
AATGGCCTGT GGGGTCACGC TCTGCTACTT GCAAGTAAGA TGGACAGCCG GACACACGCC  2340
CGAGTCATGA CCAGGTTTGC TAACAGCCTC CCAATCAACG ACCCTCTGCA GACAGTCTAC  2400
CAGCTCATGT CCGGACGGAT GCCTGCCGCG TCCACGTGCT GTGGAGACGA GAAATGGGGA  2460
GATTGGAGGC CGCACCTCGC CATGGTCTTG TCCAACTTGA ACAACAACAT GGACGTCGAG  2520
TCCAGGACGA TGGCTACCAT GGGCGACACT CTGGCTTCAA GGGGCCTCTT GGATGCGGCC  2580
CACTTCTGCT ACCTCATGGC CCAGGCGGGA TTTGGTGTTT ACACGAAGAA AACTACAAAG  2640
CTTGTCTTAA TCGGATCCAA TCACAGTTTG CCATTCTTAA AGTTCGCAAC CAACGAAGCA  2700
ATCCAGAGGA CGGAAGCCTA TGAGTACGCC CAGTCCCTGG GTGCCGAGAC CTGCCCCCTG  2760
CCTAGTTTCC AGGTGTTTAA GTTCATCTAC TCCTGCCGCC TGGCGGAAAT GGGGCTGGCC  2820
ACGCAAGCCT TCCACTACTG TGAGGCCATC GCGAAGAGCA TCCTGACGCA GCCGCACCTG  2880
TATTCCCCGG TGTTGATCAG CCAGCTTGTG CAGATGGCTT CCCAGTTACG ACTCTTCGAT  2940
CCCCAGCTGA AAGAGAAGCC AGAAGAGGAG TCCTTGGCCG CACCCACGTG GCTGGTTCAC  3000
CTGCAGCAGG TGGAGCGGCA GATTAAGGAG GGGGCTGGAG TATGGCATCA GGATGGAGCC  3060
CTCCCGCAGC AGTGTCCTGG CACTCCGAGT TCCGAGATGG AGCAGTTGGA CAGGCCAGGA  3120
CTCAGTCAGC CAGGAGCCCT GGGGATCGCC AACCCTCTGC TGGCGGTGCC TGCACCGAGC  3180
CCTGAGCACT CGAGCCCGAG CGTGCGGCTG CTGCCCTCAG CTCCGCAGAC GCTCCCTGAC  3240
GGCCCATTGG CCAGTCCTGC CAGAGTGCCG ATGTTCCCAG TGCCACTGCC CCCGGGGCCC  3300
CTGGAGCCGG GTCCTGGCTG TGTGACCCCA GGGCCTGCAC TTGGCTTCCT GGAGCCCTCC  3360
GGGCCTGGCC TCCCACCTGG TGTGCCACCT CTGCAGGAAA GGAGACACTT GCTCCAGGAA  3420
GCCAGGAGCC CAGACCCAGG GATAGTGCCG CAGGAGGCGC CTGTTGGAAA CTCACTTTCC  3480
GAGCTAAGCG AAGAAAATTT TGATGGAAAA TTTGCTAATC TGACCCCCTC GAGGACGGTG  3540
CCAGACTCGG AGGCCCCCCC AGGGTGGGAT CGTGCCGACT CGGGTCCCAC GCAGCCACCT  3600
CTGTCTCTCT CACCCGCTCC CGAAACAAAG AGACCCGGAC AGGCAGCCAA GAAAGAAACG  3660
AAGGAACCTA AGAAGGGTGA ATCCTGGTTC TTTCGTTGGC TACCTGGAAA GAAAAAGACA  3720
GAAGCTTATT TGCCAGATGA CAAGAACAAA TCGATTGTTT GGGATGAAAA GAAAAACCAG  3780
TGGGTGAATT TAAATGAGCC AGAAGAGGAG AAGAAAGCCC CGCCCCCACC TCCAACCTCG  3840
ATGCCCAAGA CTGTGCAAGC TGCCCCGCCT GCCCTCCCAG GGCCTCCTGG AGCCCCCGTG  3900
AACATGTACT CTAGAAGAGC AGCAGGAACC AGAGCTCGCT ACGTTGACGT CCTGAACCCA  3960
AGCGGGACCC AGCGGAGCGA GCCGGCTCTC GCTCCTGCGG ACTTTGTCGC TCCACTCGCG  4020
CCACTCCCAA TTCCTTCTAA CTTGTTCGTG CCAACCCCAG ATGCAGAAGA ACCACAGCTT  4080
CCAGACGGGA CTGGCAGGGA AGGGCCTGCA GCAGCTAGGG GCCTGGCCAA TCCAGAGCCT  4140
GCCCCAGAGC CCAAGGCTCC TGGCGACCTC CCTGCTGCAG GGGGCCCTCC CAGCGGGGCC  4200
ATGCCCTTCT ACAACCCTGC TCAGCTGGCA CAGGCCTGCG CCACCTCCGG GAGCTCAAGG  4260
CTAGGGAGGA TTGGCCAGAG GAAGCACCTG GTGCTGAACT AGGCTTGCCC TGCTGTGAAC  4320
TTGCACTTGG AGCCCTGACG CTGCTGTTCT CCCCGAAGAA CCCGACCGAC CTCCGCGATC  4380
TCCGTCCCGC CCCCAGGGAG ACACAGCAGT GACTCAGAGC TGGTCGCACA CTGTGCCTCC  4440
CTCCTCACCG CCCATCGTAA TGAATTATTT TGAAAATTAA TTCCACCATC CTTTCAGATT  4500
```

CTGGATGGAA AGACTGAATC TTTGACTCAG AATTGTTTGC CGAAAAGAAT GATGTGACTT 4560
TCTTAGTCAT TTAGGATGAT TTAAGGATAT AGTATTCCTG GTCATTTAAG AATGTTCATT 4620
CATTGAAGCC GGAGCTGTCT CTGCCACGGG AGAGCCACAT GGTCGGTAGT AACCAGGGCC 4680
TCTCCAAGCC CAGCTGTGAG TCACTGCCCA GTGAGTCCCG CGCTTCCTTT AAGGTGCTGG 4740
GAGCAAAGAG AGGGTGACTG AGGCAGACCC CAACCCCTGC TCTGCACCAT CTGGGCCCTC 4800
GCCGTGTTTG AACCTGGCTG AATGAGTGGA GGGCGCTGTG TTCTCAATCA GCGCCTCCGA 4860
GGAGCCGTGG GGTTCCTTCG GCATTAGTTC ACGGTTTTTG AGAGAGGCCC TAGTTACTGC 4920
AGTGAATTTC TTTCCTGTTG CAGAGACGCT TCCAGCCTCA CTTTACTTTC TGTGGCCTGA 4980
TGAGGACCAT GGGTGATTTT GTGTACCCAA AGCGCTGGGG ACTGCCCACC GTGTGGCCCA 5040
GTCACTGGGA AGGAGCCCCA GAGAGCCGGC TGTCTGACAT GATGGCTCAG GGTGGTCATC 5100
CAGGTTGAAA ACTGACCGTG TGATGTTTGA TTTGGGCTTC ATTTCGTGTG TAGGAGCACG 5160
GTTAGACTCA CTGTTAAGGA AGCTGGATGC ACTTCTCTAA AAGGCTGCAC TTTCCGTGAG 5220
CACTTTTCGT GGTACAATCC ACATGACCCA CTTTCTCCCC TGGGGGACGT TGGTTCAGAG 5280
GTTGGTAGCA CTTGGGGAGA GTATCTTAAC ACAGTTTCTT GACAGCAGCT CTGGAACTTA 5340
GTATTTCTGC CCCGAGTTTT GCCACACTGA GACTTTGAGT AGCTCCTGGT GGACTCAACC 5400
CTGTTCAACT CAGAGACGGG CCTCCTCTCA CTGATGCAAA GCTTTAAGGC TTCTCTGACT 5460
GTTCTGAAAC TCTTCGTATT CTTGTCAAGT CTAAAGAGAC TGAAGAAAAG ATTTAAATAC 5520
TAATAAAAAT CAGTAGATAA TTTCTGTAGG TTCTGCTGGA GGAATACAAA CTGTTTGGTG 5580
TTTTAAATTT AAGTGTAGAA ATTGTAGAAT GTGGAATTAG CACAGATCCT TCCTGGCTTT 5640
CTGTTTCACT TGATCATTTA GCCCAGACCA CCCAGGATGT TTTCCAAAAT GTTCCACAGG 5700
CGTGTCCCGC TGGATCCATT TGTCCTTGTC ACTTGGAGAA AGGCCAGTCC CTGTGACGGG 5760
GCAGCCCTCT CTGTCCCTCG GTCAGCTCGT GTGAATCCTG GGACCTCTTC CGGTCGGCTC 5820
TGCCCGCTGT TCTGGGGTCG ACTGCCACGA CTTTTGATTC AAGAAGCTTC CTCCAGGCGG 5880
GAGCGGCTAT TTTTCCTAAA TGAGAATTGT TACATTGCAA ATTGTTGAAT AAAATATTTT 5940
GCGCTCCTTC AAGCAC 5956

Name: 314 Len: 4073 Check: 1DED

GCTGGGCAGT GCCCATGCTG GGATGTGCTG CTGCTGTGGC TGCTGCCCGC TGCTGGCCCA 60
CCTAGAGCAG GGGTCACTTC GAGAGAGGAC CCGGGAAAAG GAGAAGATGA AGGAAGCCAA 120
GGATGCCCGC TATACCAATG GGCACCTCTT CACCACCATT TCAGTTTCAG GCATGACCAT 180
GTGCTATGCC TGTAACAAGA GCATCACAGC CAAGGAAGCC CTCATCTGCC CAACCTGCAA 240
TGTGACTATC CACAACCGCT GTAAAGACAC CCTCGCCAAC TGTACCAAGG TCAAGCAGAA 300
GCAACAGAAA GCGGCCCTGC TGAAGAACAA CACCGCCTTG CAGTCCGTTT CTCTTCGAAG 360
TAAGACAACC ATCCGGGAGC GGCCAAGCTC GGCCATCTAC CCCTCCGACA GCTTCCGGCA 420
GTCCCTCCTG GGCTCCCGCC GTGGCCGCTC CTCCTTGTCT TTAGCCAAGA GTGTTTCTAC 480
CACCAACATT GCTGGACATT TCAATGATGA GTCTCCCCTG GGGCTGCGCC GGATCCTCTC 540
ACAGTCCACA GACTCCCTCA ACATGCGGAA CCGAACCCTA TCCGTGGAAT CCCTCATTGA 600
CGAAGCAGAG GTAATCTACA GTGAGCTGAT GAGTGACTTT GAGATGGATG AGAAGGACTT 660
TGCAGCTGAC TCTTGGAGTC TTGCTGTGGA CAGCAGCTTC CTGCAGCAGC ATAAAAAGGA 720
GGTGATGAAG CAGCAAGATG TCATCTATGA GCTAATCCAG ACAGAGCTGC ACCATGTGAG 780
GACACTGAAG ATCATGACCC GCCTCTTCCG CACGGGGATG CTGGAAGAGC TACACTTGGA 840
GCCAGGAGTG GTCCAGGGCC TGTTCCCCTG CGTGGACGAG CTCAGTGACA TCCATACACG 900
CTTCCTCAGC CAGCTATTAG AACGCCGACG CCAGGCCCTG TGCCCTGGCA GCACCCGGAA 960
CTTTGTCATC CATCGCTTGG GTGATCTGCT CATCAGCCAG TTCTCAGGTC CTAGTGCGGA 1020
GCAGATGTGT AAGACCTACT CGGAGTTCTG CAGCCGCCAC AGCAAGGCCT TAAAGCTCTA 1080
TAAGGAGCTG TACGCCCGAG ACAAACGCTT CCAGCAATTC ATCCGGAAAG TGACCCGCCC 1140
CGCCGTGCTC AAGCGGCACG GGGTACAGGA GTGCATCCTG CTGGTGACTC AGCGCATCAC 1200
CAAGTACCCG TTACTCATCA GCCGCATCCT GCAGCATTCC CACGGGATCG AGGAGGAGCG 1260
CCAGGACCTG ACCACAGCAC TGGGGCTAGT GAAGGAGCTG CTGTCCAATG TGGACGAGGG 1320
TATTTATCAG CTGGAGAAAG GGGCCCGTCT GCAGGAGATC TACAACCGCA TGGACCCTCG 1380
GGCCCAAACC CCAGTGCCTG GCAAGGGCCC CTTTGGCCGA GAGGAACTTC TGAGGCGCAA 1440
ACTCATCCAC GATGGCTGCC TGCTCTGGAA GACAGCGACG GGGCGCTTCA AAGATGTGTT 1500
AGTGCTGCTG ATGACAGATG TACTGGTGTT TCTCCAGGAA AAGGACCAGA AGTACATCTT 1560
TCCTACCCTG GACAAGCCTT CAGTGGTATC GCTGCAGAAT CTAATCGTAC GAGACATTGC 1620
CAACCAGGAG AAAGGGATGT TTCTGATCAG CGCAGCCCCA CCTGAGATGT ACGAGGTGCA 1680
CACAGCATCC CGGGATGACC GGAGCACCTG GATCCGGGTC ATTCAGCAGA GCGTGCGCAC 1740
ATGCCCATCC AGGGAGGACT TCCCCCTGAT TGAGACAGAG GATGAGGCTT ACCTGCGGCG 1800
AATTAAGATG GAGTTGCAGC AGAAGGACCG GGCACTGGTG GAGCTGCTGC GAGAGAAGGT 1860
CGGGCTGTTT GCTGAGATGA CCCATTTCCA GGCCGAAGAG GATGGTGGCA GTGGGATGGC 1920
CCTGCCCACC CTGCCCAGGG GCCTTTTCCG CTCTGAGTCC CTTGAGTCCC CTCGTGGCGA 1980
GCGGCTGCTG CAGGATGCCA TCCGTGAGGT GGAGGGTCTG AAAGACCTGC TGGTGGGGCC 2040
AGGAGTGGAA CTGCTCTTGA CACCCCGAGA GCCAGCCCTG CCCTTGGAAC CAGACAGCGG 2100
TGGTAACACG AGTCCTGGGG TCACTGCCAA TGGTGAGGCC AGAACCTTCA ATGGCTCCAT 2160
TGAACTCTGC AGAGCTGACT CAGACTCTAG CCAGAGGGAT CGAAATGGAA ATCAGCTGAG 2220

```
ATCACCGCAA GAGGAGGCGT TACAGCGATT GGTCAATCTC TATGGACTTC TACATGGCCT  2280
ACAGGCAGCT GTGGCCCAGC AGGACACTCT GATGGAAGCC CGGTTCCCTG AGGGCCCTGA  2340
GCGGCGGGAG AAGCTGTGCC GAGCCAACTC TCGGGATGGG GAGGCTGGCA GGGCTGGGGC  2400
TGCCCCTGTG GCCCCTGAAA AGCAGGCCAC GGAACTGGCA TTACTGCAGC GGCAACATGC  2460
GCTGCTGCAG GAGGAGCTAC GGCGCTGCCG GCGGCTAGGT GAAGAACGGG CAACCGAAGC  2520
TGGCAGCCTG GAGGCCCGGC TCCGGGAGAG TGAGCAGGCC CGGGCACTGC TGGAGCGTGA  2580
GGCCGAAGAG GCTCGAAGGC AGCTGGCCGC CCTGGGCCAG ACCGAGCCAC TCCCAGCTGA  2640
GGCCCCCTGG GCCCGCAGAC CTGTGGATCC TCGGCGGCGC AGCCTCCCCG CAGGCGATGC  2700
CCTGTACTTG AGTTTCAACC CCCCACAGCC CAGCCGAGGC ACTGACCGCC TGGATCTACC  2760
TGTCACTACT CGCTCTGTCC ATCGAAACTT TGAGGACCGA GAGAGGCAGG AACTGGGGAG  2820
CCCCGAAGAG CGGCTGCAAG ACAGCAGTGA CCCTGACACT GGCAGCGAGG AGGAAGGTAG  2880
CAGCCGTCTG TCTCCGCCCC ACAGTCCACG AGACTTTACC AGAATGCAGG ACATCCCGGA  2940
GGAGACGGAG AGCCGCGACG GGGAGGCTGT AGCCTCCGAG AGCTAAGGGG GCCCCTCCCC  3000
CCTGCCCCGT GCCCCACTGA AGAACATTAC TGAGGGGGCT AACCTTGGGG ACTCCAATTT  3060
GCCAATGATG AGGGAACATT TGAAAGAACT GCAAATTGTC CTTGCCAGCT CTTGGGATCC  3120
TTGGATACCT GGGGCCATTT AAGAAGCTAG GGGAATTAGG CCACAACACC CCCTGGGACA  3180
TCCGAAAGCT ACACCACAGA TGCCAGTGGT TCATGCCTTC TTCCCGCAAC TTTAGGAAAA  3240
TTTATTTATT TATTGTTTAT TAGTTATGGG GGGAGAGGGG AGATTTAAAG GACCAGGGAC  3300
ATGGGAACCA AGCCATAGGG ATCAGAGGGC CTTGTCCTTG AACACTACTG GGGTATATTC  3360
AGGCTCATCC ACGCAGCTGC TGGGTTCTTG CCCTAACGGC CCTCCCCTGC AACATCCGTC  3420
TTGGAGGAGA GGCTGCAGCC ACAGCACCCT ACTGCCCTTT AAATAAAGGA GGGCTGTGGG  3480
CAGGGCCATG TCCCTTTCTC CTCTCCCCTC AACCTCTTAC TGCTGTTCTC CCTTTCTCCG  3540
TCCTTCATGG AAGCCCTGGG AGATAACCTG GCTTCCTGGA GTTGATGGAA TAAAGGTTGG  3600
GGTGGCCATA ATGGTTTGTT GGGGGTGAGG GAAAAAACCC ACAGGGACCA GAATGTTTTG  3660
TTGTTCTTTT GTTTTCTTTT TTGTACCAAA GTCAACTGCA CGTGTTTTAT ATTTTTAAGA  3720
GATCGTAGGC AATTAGAGAT CGAAGCCTCC TATCTCCACA TCTCTGAAGA AGTTGAGGGG  3780
TGGGGGAGAG AATGACTTCT GCCTTCATCT GCAGTAACGG GGGGACCTAT ACTGACCTCT  3840
TCCCCAGCCA TTTAGAAACA AGTTCTAGGG TGGGTTGGAA AATCTCCAAG AGCCCTGACC  3900
TCATCTTCCA CCTCAGCAAC CATGACCTGA AACCTCAGCG TGAATTTGGG GGATTTTTCA  3960
GTGGAACCCT TGCCCCCAAA TGTCGACCAG CCCCCAAATG TCGAAGAATT TTCTTCTTGC  4020
CAATTTTGTT GTTTAAAAAA AAAATTCAGG GAAAATTAAA AACCTGGAAC TCC         4073
```

Name: 315 Len: 6948 Check: E69

```
GGGGCTGAAA GACACACAGA AGTCTTCATG GATATAGTTG ATACATTTAA TCATTTAATT    60
CCTACTGAAC ACTTAGATGA TGCCCTATTT CTAGGATCCA ACCTGGAGAA TGAAGTCTGT   120
GAGGATTTTA GTGCAAGTCA AAATGTCTTA GAGGACTCGC TGAAGAACAT GCTCAGCGAT   180
AAGGATCCTA TGCTAGGATC TGCAAGTAAC CAGTTCTGTT TGCCTGTTTT GGATAGCAAT   240
GATCCCAATT TCCAGATGCC TTGTTCAACA GTTGTTGGTC TTGACGATAT TATGGATGAA   300
GGAGTTGTTA AAGAAAGTGG CAATGATACC ATTGATGAAG AAGAACTGAT TTTACCTAAC   360
AGGAACTTAA GGGACAAGGT AGAAGAAAAT TCAGTGAGAT CTCCAAGAAA ATCACCTCGT   420
TTAATGGCAC AAGAACAAGT AAGAAGTTTG CGACAGAGCA CTATTGCCAA GCGTTCAAAT   480
GCAGCACCAT TAAGTAACAC AAAAAAAGCA TCTGGGAAGA CTGTATCTAC TGCTAAAGCA   540
GGAGTGAAAC AACCAGAAAG GAGTCAGGTT AAAGAAGAAG TATGTATGTC ACTGAAACCT   600
GAGTACCATA AGGAGAATAG AAGGTGCAGC CGAAATAGCG GACAAATTGA AGTGGTACCT   660
GAAGTATCAG TGTCTTCAAG TCATTCTTCA GTGTCATCTT GTCTTGAAAT GAAGGATGAA   720
GATGGATTAG ATTCTAAGCA TAAGTGTAAT AATCCGGGAG AAATAGATGT GCCATCTCAT   780
GAATTAAATT GTTCACTTCT TTCAGAGACT TGTGTTACTA TTGGAGAAAA GAAAAATGAA   840
GCTTTGATGG AATGTAAAGC CAAGCCTGTT GGTAGTCCAT TGTTTAAGTT TTCAGATAAA   900
GAAGAACATG AACAAAATGA TTCCATTTCA GGTAAAACGG GTGAGACTGT TGTTGAAGAA   960
ATGATAGCAA CAAGAAAAGT TGAACAAGAT TCAAAGGAGA CAGTAAAATT ATCCCATGAA  1020
GATGACCATA TTCTTGAGGA CGCTGGATCT TCTGATATTT CTAGTGATGC TGCTTGTACA  1080
AATCCAAATA AGACAGAAAA CAGCCTTGTA GGTTTGCCTA GTTGTGTAGA TGAAGTGACT  1140
GAATGTAATT TGGAATTGAA GGATACCATG GGTATTGCTG ATAAAACTGA GAACACCCTT  1200
GAAAGAAATA AAATTGAACC GTTGGGTTAT TGTGAAGATG CGGAGTCTAA TAGGCAGTTG  1260
GAGAGCACTG AGTTTAATAA ATCAAACTTA GAGGTGGTTG ATACTAGTAC TTTTGGACCG  1320
GAAAGTAATA TCTTGGAAAA TGCTATTTGT GATGTGCCTG ACCAAAATTC AAAACAGTTG  1380
AATGCTATAG AAAGTACTAA AATAGAGTCC CATGAAACAG CAAACCTTCA GGATGACAGA  1440
AACAGCCAGT CAAGTAGCGT TTCTTACTTA GAGTCAAAAA GTGTAAAATC CAAACATACA  1500
AAACCTGTAA TTCATTCTAA GCAAAACATG ACCACAGATG CTCCGAAGAA AATTGTTGCA  1560
GCAAAGTATG AAGTAATACA TAGCAAAACT AAAGTTAATG TCAAAAGTGT GAAACGAAAT  1620
ACTGATGTAC CAGAATCTCA GCAAAATTTT CATAGGCCAG TCAAAGTCAG AAAAAACAA   1680
ATTGATAAGG AGCCAAAGAT TCAGAGTTGC AATTCTGGGG TTAAATCTGT GAAAAACCAA  1740
GCTCATTCTG TACTGAAAAA AACATTACAG GATCAAACTT TAGTACAAAT TTTCAAGCCC  1800
TTAACTCATT CTTTGAGTGA TAAGTCACAC GCTCATCCTG GTTGCTTGAA AGAACCTCAT  1860
```

```
CATCCTGCAC AAACTGGACA TGTATCACAT TCTAGCCAGA AACAGTGTCA TAAGCCTCAG  1920
CAACAGGCCC CAGCAATGAA AACCAATAGT CACGTGAAGG AAGAGCTTGA ACACCCAGGC  1980
GTTGAGCATT TTAAGGAAGA GGATAAACTG AAACTGAAAA AACCTGAGAA GAACCTACAA  2040
CCCCGCCAAA GAAGAAGCAG CAAAAGTTTT TCTTTAGATG AGCCACCATT GTTCATTCCA  2100
GATAACATAG CTACCATAAG AAGAGAAGGC TCTGATCATA GCTCCTCATT TGAAAGCAAA  2160
TATATGTGGA CTCCCAGCAA GCAGTGTGGG TTTTGCAAAA AACCACATGG CAACAGGTTT  2220
ATGGTTGGCT GTGGGAGATG TGATGACTGG TTTCATGGTG ATTGTGTTGG GTTAAGTCTT  2280
TCTCAAGCAC AGCAGATGGG CGAGGAAGAC AAAGAATATG TCTGTGTAAA ATGTTGTGCT  2340
GAAGAAGACA AAAAGACTGA AATACTAGAT CCAGATACTT TGGAAAACCA AGCTACAGTT  2400
GAATTCCATA GTGGAGATAA AACAATGGAG TGTGAAAAGC TTGGATTATC AAAACACACA  2460
ACAAATGATA GAACCAAATA TATAGATGAT ACAGTGAAGC ACAAGGTCAA AATTTTAAAA  2520
CGGGAGTCTG GTGAAGGCAG AAATTCATCA GACTGTAGAG ATAATGAAAT TAAAAAATGG  2580
CAGCTAGCTC CTCTTCGTAA GATGGGACAA CCAGTTTTAC CTCGGAGATC CTCAGAAGAA  2640
AAAAGTGAAA AAATACCGAA AGAGTCTACA ACTGTTACTT GCACAGGAGA AAAAGCTTCA  2700
AAACCAGGTA CTCATGAGAA GCAAGAGATG AAAAAGAAGA AAGTTGAAAA AGGAGTGCTT  2760
AATGTACATC CTGCTGCTTC TGCTTCCAAG CCTTCTGCAG ATCAGATCAG GCAAAGTGTC  2820
AGACATTCTC TCAAAGACAT TCTTATGAAG AGACTTACAG ACTCAAATTT GAAGGTACCA  2880
GAGGAAAAGG CAGCAAAAGT TGCCACAAAA ATTGAGAAAG AGCTTTTCTC TTTTTTTCGG  2940
GACACAGATG CTAAATATAA GAACAAATAT AGAAGTTTGA TGTTTAATTT GAAAGATCCT  3000
AAAAACAATA TATTATTTAA AAAAGTACTG AAAGGAGAAG TAACTCCTGA TCATCTTATC  3060
AGAATGAGTC CAGAAGAACT AGCTTCTAAA GAGTTAGCTG CTTGGAGACG AAGAGAAAAC  3120
AGACATACCA TAGAAATGAT TGAGAAAGAG CAGAGAGAAG TGGAACGACG GCCAATCACC  3180
AAAATAACTC ATAAAGGTGA AATAGAAATT GAGAGTGATG CCCCAATGAA AGAACAGGAA  3240
GCAGCCATGG AGATTCAGGA ACCAGCCGCC AATAAGTCAT TGGAGAAGCC AGAAGGATCT  3300
GAAAAACAAA AAGAGGAGGT TGACTCTATG TCTAAAGATA CCACTAGTCA ACACAGACAG  3360
CATCTTTTTG ATCTCAACTG CAAAATCTGC ATAGGTCGAA TGGCACCACC TGTAGATGAT  3420
CTTTCTCCAA AAAAAGTAAA AGTTGTTGTA GGAGTAGCTC GCAAACATTC AGACAATGAA  3480
GCAGAAAGTA TAGCAGATGC ATTATCTTCA ACCTCAAATA TTTTGGCTTC TGAATTCTTT  3540
GAGGAGGAGA AACAGGAGTC TCCAAAGTCA ACGTTCTCTC CTGCTCCACG TCCAGAGATG  3600
CCTGGAACTG TTGAAGTTGA GTCTACCTTT CTGGCTCGAT TGAACTTCAT CTGGAAAGGT  3660
TTTATCAACA TGCCTTCTGT GGCAAAATTT GTTACCAAAG CCTATCCAGT ATCTGGCTCC  3720
CCAGAATACC TGACAGAGGA CCTACCAGAT AGTATTCAAG TAGGTGGCAG GATATCACCT  3780
CAGACAGTTT GGGATTATGT GGAAAAAATA AAAGCATCAG GAACCAAGGA AATTTGTGTG  3840
GTTCGCTTCA CACCAGTAAC TGAAGAAGAT CAAATTTCTT ATACTTTGCT CTTTGCATAC  3900
TTCAGTAGCA GAAAGCGCTA TGGAGTAGCT GCTAACAACA TGAAGCAGGT TAAAGATATG  3960
TACCTTATTC CTTTGGGTGC CACAGATAAA ATTCCACACC CTCTTGTGCC TTTTGATGGA  4020
CCTGGGCTTG AACTGCATAG ACCTAATCTA TTGTTGGGCT TAATTATTCG TCAGAAACTG  4080
AAGCGACAGC ACAGTGCCTG TGCTAGTACT AGTCATATAG CTGAGACTCC TGAAAGTGCA  4140
CCACCAATAG CATTGCCACC TGATAAAAAA AGTAAAATAG AAGTTTCTAC AGAAGAAGCA  4200
CCAGAGGAAG AAAATGACTT TTTTAATTCT TTTACAACTG TATTACACAA GCAGAGAAAT  4260
AAACCTCAGC AGAATCTTCA GGAAGACCTT CCAACAGCAG TTGAACCTTT AATGGAAGTC  4320
ACCAAACAGG AGCCACCAAA ACCTTTAAGA TTTCTTCCTG GCGTGTTGAT TGGCTGGGAG  4380
AATCAACCTA CTACTCTGGA ATTAGCAAAT AAACCTCTTC CTGTGGATGA TATACTTCAA  4440
AGCCTTTTGG GCACCACTGG TCAAGTATAT GACCAGGCCC AGTCAGTGAT GGAACAAAAC  4500
ACTGTTAAAG AAATTCCATT TTTAAATGAG CAGACCAACT CAAAAATAGA GAAAACAGAT  4560
AATGTGGAAG TAACTGATGG TGAAAACAAG GAGATAAAAG TTAAAGTAGA TAATATTTCA  4620
GAATCTACAG ATAAGTCAGC AGAAATAGAA ACATCAGTAG TAGGGTCCTC TTCCATTTCT  4680
GCAGGGTCTT TGACGAGTCT TAGTCTCAGA GGTAAGCCAC CAGATGTTTC TACAGAAGCA  4740
TTTTTAACAA ATTTATCAAT TCAGTCAAAA CAAGAGGAAA CTGTGGAGAG TAAAGAGAAA  4800
ACATTAAAAA GACAGCTTCA GGAAGATCAA GAGAATAATT TGCAAGATAA CCAGACTTCA  4860
AATAGTTCTC CATGCAGATC TAATGTAGGA AAAGGAAACA TAGATGGTAA TGTGAGCTGT  4920
AGTGAAAACC TTGTTGCTAA TACAGCGAGG TCTCCACAGT TTATCAACCT GAAAAGGGAT  4980
CCTAGGCAAG CAGCAGGACG AAGTCAGCCT GTAACTACTT CAGAAAGCAA AGATGGAGAT  5040
AGTTGCCGGA ATGGAGAAAA ACACATGCTG CCTGGCCTGT CACACAACAA GGAGCACTTA  5100
ACAGAACAAA TCAATGTAGA GGAAAAGTTG TGTTCTGCAG AGAAAAACTC GTGTGTTCAG  5160
CAGAGTGACA ATTTAAAAGT TGCACAAAAC TCACCATCAG TAGAAAACAT ACAGACTTCT  5220
CAAGCAGAAC AAGCAAAACC CTTACAGGAG GATATTTTAA TGCAAAATAT TGAAACTGTG  5280
CACCCATTTC GAAGAGGATC AGCAGTAGCG ACATCTCATT TTGAAGTTGG AAACACATGT  5340
CCATCAGAAT TTCCTTCTAA AAGCATCACC TTTACTTCCA GAAGCACCAG CCCCAGAACA  5400
AGTACAAACT TTTCACCCAT GAGGCCACAG CAGCCCAACC TTCAGCATCT CAAGTCTAGC  5460
CCACCTGGAT TTCCATTTCC AGGGCCTCCT AATTTTCCCC CACAAAGCAT GTTTGGATTT  5520
CCACCACATT TGCCACCTCC ATTACTTCCC CCTCCAGGCT TTGGCTTTGC TCAAAATCCC  5580
ATGGTTCCCT GGCCACCTGT TGTTCATCTC CCAGGTCAGC CACAGCGTAT GATGGGTCCT  5640
```

98

CTCTCACAAG CATCAAGGTA TATAGGCCCG CAGAATTTTT ACCAGGTTAA AGACATTCGG 5700
AGGCCAGAAA GGCGCCATAG TGACCCTTGG GGTAGGCAAG ACCAACAGCA ACTGGATAGG 5760
CCATTTAATA GGGGTAAAGG GGACCGCCAG AGATTTTATA GTGATTCACA CCATTTGAAA 5820
AGAGAGCGAC ATGAAAAGGA ATGGGAGCAA GAATCTGAAA GGCATAGACG CAGAGACAGA 5880
AGCCAAGACA AGGACAGAGA CAGAAAAAGC AGGGAGGAAG GGCACAAAGA TAAAGAGAGG 5940
GCACGGTTAT CACATGGTGA TCGAGGAACA GATGGAAAAG CAAGCAGAGA TAGTAGGAAT 6000
GTAGACAAGA AGCCAGATAA ACCTAAAAGT GAAGACTATG AGAAGGACAA AGAACGAGAG 6060
AAAAGTAAAC ACAGAGAAGG AGAAAAGGAC AGGGATAGGT ACCACAAAGA TAGGGACCAC 6120
ACTGACAGAA CTAAAAGCAA AAGGTAAAAT TTGCAGGCTG CTTCAGGATT ACATTTAAAT 6180
AACTGTTAAA ATGTTGTATC TTGTAAACAA AAGAAAGATT GCCTGCTAGG ATTGTGCCAT 6240
CTTTAAAATT TTTACTATTG GTCATTTGCA GAACAGTAAA TTCTGTGTGT TGGTACAGAG 6300
TGCTCTGTAC CAGTGCTCAT CATCCCTTCT TCATACCAAC GGTCCCTAGT TATAGGAATT 6360
TAATATTTTT AAAAGTTTTA CATTGCTGTA TATTCAAAGA TTTGTTTTAT TAATATGCAA 6420
TAAAGGCTTA GAAATTTTAG TTTTATTCCT TAATTGGTAA ATATGGTTAA CTATGGAATA 6480
TATTTACTTC CTCTAGTGAA TGTCCTTTAT ATAATGACTA ATTTGGGAGT AATGTGTGCT 6540
CTGTAAGTTT GTTTTAAATT GCACTGTTTT TAAAGAAACT GTAGAGGAGC AACAAAAATC 6600
CAAGCAACTT CATAATCAGA TTATGCTAAT CATTTAGTTG AGCAGTTTTT GACCAAGAAT 6660
CAGAAGCCCA AGGGGTACAT TTATTGCTTT AATCTGCACT CATTGAAGTC ATTTATTACC 6720
ATATACTACA GCTTTGTGGT AGGCCATTAT TTTCATTTTC ATTTTTGGCT CTTCAGAAAC 6780
TTGAATACTT AAGCTTGTAC ATGATCTTGT GTTTTGCTAT CCTTTTTACT GTAAAATGTA 6840
AATATTTTAA GGGATATTTT GATTCTAAAT ATGATAAAAT AATTTCTCAC CTATTTTGTG 6900
TGTGTGACTT GAAATTCAGT AGTAAAAGAA TTTCTTCTTT AAAGCTTT 6948

Name: 316 Len: 8213 Check: 1F22

CCCCCAGCAG AAGGGCGCGA CGGCTGCAAC ATCAGCGGTT AAATTGTACA GCCTTTCATA 60
GGCCGGTTCA ATGCATCCGT ACTAAGATTG TTAAGGCTGA GGGTCCCTAG CCTGGGGAAA 120
AACGAAAGGA GGCAGAGGGT AGGGAGACGG GAAGGAAGAC AAGGAGGGTG TAGAAAACGG 180
GGAGAGGAGG GGGCGGGACA GCATGGGGAA GGCCTCAGGT TTACTGGAGA GATCGTGGCG 240
TTCCCATAGA AACGTATCCC TCCGCCCATG ACCCGCGTGT TAGTCTCTTC AGTTCCTTCC 300
GCGTCGTTTC TTGGCTGTTT CCGCCCAGCT CCTTTGTGCC GCGCAGAACA ACGAGATGAC 360
GCATGCGCAA AGCGCAGCGG CCGCATATAT AAACGCGAAC CCGGGCTCTT CCTCGTAGTG 420
CCGCCGGGAC TCTTGGCGGG TGAAGGTGTG TGTCAGCTTT TGCGTCACTC GAGCCCTGGG 480
CGCTGCTTGC TAAAGAGCCG AGCACGCGGG TCTGTCATCA TGTCGCGTTA CGGGCGGTAC 540
GGAGGAGGTA AGAAGCTGGA GTCCGGTGAG GGACGTTGGT GTGGGTGTAG TGAGCACTGC 600
GAGGCCGTAG GGTTGTCGCG GAGGTTGGGA GACGGTTATT CCGCGTGCGT AATGGCGGCT 660
TAGGAGCACG CCAGACGAAG CCGGAGGCAG CGGAGGCGGG GTGCTGAAGG GAGACGGGAT 720
GGCGGGTGTA CATCTCTGCC GAGTTCCGTA CTCTTGGGCA TTTTTGTGGC CCAATCCAGC 780
CTAAAGCAGG GTTGAGATGA CGGTTTTCGC GTTGCCTTTC TCGGAGCTGC CCGCCGGCCC 840
CCCTCCCCCC CCGCCCTCGG CCGGCGGCTG CCATTTTGCG CACATTGAGG ACCGTGGTGG 900
CGCATTTCCT CAGCGCTTTC CCGCCACTTC AGCGGACAGA TCTGGCCGCA GCTGTAAGAT 960
CGTGGTTGTG TTTGAGATAG AACGAAATTG GCAGCTGTGA GCTGCATGTT CTCGTCAAAC 1020
AATCGGTTAA ATTGCGGAAT GGGAATGGGG ACGTAATCTG CGACTGGCGG CTGGGTTTTT 1080
TTTTAGTTAT TTCCAGCGCG GTTTATGGCT CTGGGGCGGG GAGCTGGAGT CTTGGGCGAG 1140
CCTGTGCCTG GGACGTTTGC CGCGGAGGAC GAGAGCCGGC GCAGCCCTGC TCTCCTGGCC 1200
CGGCCCCTAC CGAGGCCCTC CCGCCGCCGA CGCGCTGCCG CTGCGGGCCC GCGCGCTCCC 1260
GGTGCGCCCG GGGCTGCCGG GACTCATGGG TGGGGCCGGG CCAGGTCCCG CCCCACGCCT 1320
CGGTGTATCC TACCACGCGT TTCTGCTTGT GTTCGGGAGG GTCACCCCGC ATTATTTAGA 1380
ACGTTAAGAA TTTTGTCAAA AGTCTAGTTT CTCGGGGATT TGCGGACTTC ACCAGTTTTA 1440
CGACTAAGTT TTGTCTTGGA TAGAGGGCAT TAAATGTGCT TTACCCAATC TTGAGGATGG 1500
CCCGTTTTAA GGCAAGTAAG TAATTGAAAC TTGGGCCAGA TTTTGCATAA CGTGCATTCT 1560
TCTATTTGCG TTTTTAAACA GAAACCAAGG TGTATGTTGG TAACCTGGGA ACTGGCGCTG 1620
GCAAAGGAGA GTTAGAAAGG GCTTTCAGTT ATTATGGTCC TTTAAGAACT GTATGGATTG 1680
CGAGAAATCC TCCAGGATTT GCCTTTGTGG AATTCGAAGA TCCTAGAGAT GCAGAAGATG 1740
CAGTACGAGG ACTGGATGGA AAGTAAGTAA GATGTTATGA ATCTTCTGTT CATTAAAATA 1800
TACTGTGGCT AGATAATGAA CTTAGTGCTA AATTTGGATT CTGAAGTCTG GAAGAGACCT 1860
TAAATAGCTG GTCATAGTGT TAAATGCTAA AGGCACACGA AGGTTAAAGA AGATAGCGGA 1920
GATGGAGTTA GGGCTTGGTA AAGACCGCCA AAGTTTGTTG GGGGGGAAGG AGTGGTTGGA 1980
AAGAGTGAGT GGTTGGAAAG AGTTCTTTTT AAATCTATAA GTCCTGAATA TATTTTTAAC 2040
TTTAGAATTT TGTTAATTTG CTTTTATTAG GGTGATTTGT GGCTCCCGAG TGAGGGTTGA 2100
ACTATCGACA GGCATGCCTC GGAGATCACG TTTTGATAGA CCACCTGCCC GACGTCCCTT 2160
TGATCCAAAT GATAGATGCT ATGAGTGTGG CGAAAAGGGA CATTATGCTT ATGATTGTCA 2220
TCGTTACAGC CGGCGAAGAA GAAGCAGGTA TTTATTTTAA TAAAGGAATG GTTGGTATTC 2280
TAGTTAATCA AGTAATTCTT TTATTAGCAA GGCAGAAACT AGTGTTTTTC TATAAACTTG 2340
AATGTTAATT GTACAGGTGT ATTTTACAAT TTGTGTTTAA TTAAAAAAAT GTTACTATAT 2400

```
TAATAATCAA CCTGGTCAAA ACCTTTCAGG TTTCTTCGTT TGAGTCAGTC GCCTTGATTC  2460
AGAATGTCAC GAGCCTTATG ATATCATGCT GAGGCGCCTT GCAAATCCGA CAATTAAGAT  2520
CCTCCTAGAC CTTGAGGTGA TCAGCATAAG AGGCCAGATC CCCTCGAGTC ATCTACACCT  2580
AGCTTCACCT TATTCTTTAA AGGGCAGAAA ATTTGAGACG GTGATCGCCG TAACAGTAAA  2640
TTTGGCTTAC AATTGGGGCC CCCCTCCGGT TTAGAAAGAG GAACACCAGA TTGACCACAT  2700
TCCCAACTAG AAAAATCTTC TTGCGTCAAT CAAGCCTCAC CTGGCTCATT TGGCTGTCAG  2760
TTTGATCGTC GTTAGATTGA AGAAAACATC TAGATGCAGC GATCGGCTAT AGATACTTCT  2820
AGATCGTCTA GATCTACTAG ACCATGGGCC AAAGAGGGTC GACCTGCAAA CTTGCAAGGT  2880
TTATGTTAAA TACACATTAC AGTGTTTTAT ATTATGTAAT GCTAAGTTGT AATTCAGCTT  2940
TTAACAAATC TTTTTTTAGG TAGTAAAAAA AAAAATACTC AACAACTAAT AGGCCCAGAG  3000
TTTATTTCCA AATGAGACAC TAAATTTAAA TAGTTTTGAG ATTTGATTTC AGCAGAGGCA  3060
CACAAACTCT TAAAAACGAG TTATTGTCTG ACATTTTGTT TTTTCTCTAA CTTGAAAAAT  3120
AGGTCACGGT CTAGATCACA TTCTCGATCC AGAGGAAGGC GATACTCTCG CTCACGCAGC  3180
AGGAGCAGGG GACGAAGGTG AGATCTTGTT TAACTGAAGT CTTTCTGTAT TATTATTAAA  3240
TTCACTGGTA GTCCAACACA GAAAAAGCTC ATTATTTTTT TTGGAGACAG GGTCTTGCTC  3300
TGTCACCCGG GCTGGAGTAC AGGGGCATAA CCACGACTCA CTGCTGCCTT GATGATCTCT  3360
TGGGTTTAAG CAGTTCTCCT ACCTCAGCCT CCCGAGTAGC TGGGACTGTA GGCACTGCCA  3420
CCATACCCAG CTAATTTTTA TTTTTGTAGA AATGGTCTTG CACTGTTTCC CAGGCTGGTC  3480
TCAAGCTCCT GGGCTCAAAC GATCCTCCCG CAGTGCTGGG ATTATGGGCA TGAGCCACTG  3540
CACCGTTCCC CAGTTGAAGT CTTAACAGGC CAAAAAAAAA AAAAACTGTG GAGATGGACT  3600
TAAAGTTCTT TATTTTAGGT CAAGGTCAGC ATCTCCTCGA CGATCAAGAT CTATCTCTCT  3660
TCGTAGATCA AGATCAGCTT CACTCAGAAG ATCTAGGTCT GGTTCTATAA AAGGATCGAG  3720
GTATTTCCAG TATGTAACAC TTTTTTTCCT TACTTGTGTT TGGATTGTTC ACATCTTATC  3780
AGTAGAGTGT CTTAAGGACA TAATTCAAAT GGATTGCTTC AGGGAATATT TGAGATGTAA  3840
AAGTTTGGAA TTTATGTGTA ACTTGTAACA TAAATATTAC CCTAGTTTCA CAGATGAAGA  3900
AAAGGGCTAC TAGAGATTTT AAGGCTTGTT AGGCCGTGTG GTAGACAAGG GTCCCAAGCA  3960
ATACAGCTCT ACTCAACACT CTGGGTAGGC ATGTTGCTAT AAACTTTTCT GGCTTCAGAT  4020
TGGATGATAC TAGCTCTGAA AGATGGTAAT TGATTTTCCC GACAAAAAGG CCTATTAGCA  4080
CCAGGAAAAG AGATCAGAAG CAAGTAGAAA CATTTCTCAT TTTTGGAATG ATGGGGTTGA  4140
TTTGAGACAC TGGAAAGTTG ACTAGGGCAG TAGTGTGTAC ACAGAAATGA ATGTGGATTT  4200
TTTTTTTAGA CCGTTTCAGA CCTGAAAAAA CTAAAGAACC AGAGCTTTAC TATTTGTAGA  4260
AGGCCTTAAA AGGAGATAGA ATGGAAAAAA TTGTAAAATA AGTATTGCAA CATGTAATTA  4320
ACAATATTGT TATCTGTACC AACGATAAAA CCGTGGTACG GAATGCTACT GGGAGTTAAA  4380
TTGCTGTTTA ATAGCACAAA ACCTTTAAAT GCAGGAATTC TGAATCTTGT GGTCTATTTG  4440
AGAAAGCTAT GAACCATCTC TTTAGATAAA TTTAAAAGAT AGATATGTCA GTCTGATTTG  4500
GTTTGTCTGA CAGATTGATG GCTCTCAAAC ATAACTTGAT CCGGGAAGAA GCCTGACAAA  4560
TGGGGGGCGG CTTTCTTTTC GTCTGGCCTT ATCACCTGAA TTAGTCTCAG TTCAGGGGTC  4620
TGGTTATTTT CATCCTGCCT TAGCCTCCTG AGTAGCTGGG ACTGCCATTG TGTACCACAG  4680
TGCCCAGCTG AGGGATCTGT GCCTTAAGTG AGGTTAGTTT TGCTTCCTTC ATACCAGTCT  4740
CATCAAATGA AAACCATGTA TTTCCCTTGG ATATTACACA GTGTTTGAGA ATGTTATACC  4800
TGTACAGAAA CTAACCAATT GAGTGATAGA AACAAGTAAT TGAAATGGGG GTTCCTTATG  4860
TCTGGTAACA CTTTGTTTGA CAGTGTGTTA GACAGAATAA GGCAAGTGTT GCATCTTGTT  4920
TAGTTTTAGC TTCTTTATGC CTGACCAACC TAATACAGTG TTGAGTAGTT AAGGAAATTC  4980
CTTTGGACTG ATTGATATAA TTGTGTTTTT TCACTTTTTT TATTAAGATC CCCGTCGAGG  5040
TCAAGATCAA GATCCAGGTC TATTTCACGA CCAAGAAGCA GGTAGGGTAA AAATTTGATT  5100
ATCCTTTTCT AGTTATATGG CACCAATATC CAAAGAGTTC AAAGTGTTTT TAATTGTTGA  5160
AATTTTAAGT GTTAACTCTA AACTTAGGTT TTAGTGGGAA CACAGTACCT TATTTGTGTA  5220
TGTCCTATTT ATTACTGGCT GACTTTCCCT GAACAAGGGA ATGTAAAACT ATAGTGAGAA  5280
AGAAGCTTAT GACTTGGGGG ATTATATTAA AGAGGCCCTT GTTAGAACTG ATAGGTGCAT  5340
GGAGAAGCAT CCTGAAATCG ATGTGCTTAA AGCAGAATGT AAAAGATTAA TCATGATGTA  5400
GTAATTGAGT CATTTTTTGA AAAACAGTTG TTGAAAGATT GGCTTTTGTT AGCAACAACT  5460
GGTAGGATGT TTTTCAGTTT AAGTGCAGTC TGACATTTTA AGCTTAGGAC ATTTGGGGGT  5520
TTTACGGTAT TGGTGACTAC AAGAAAGGGA TTGGTTAGTA CTCTTTCTTT AATAGAATTT  5580
CTCATGTTTT GACAGCCGAT CAAAGTCCAG ATCTCCATCT CCAAAAAGAA GGTAAGCTAA  5640
ATGTTTTGTT GCCAAATCTT GCCTGTCAAG TGTGGCCTCT GCAGAATTTG TTTGCTTACT  5700
GCTTTGCAGT CTTTGAGCTC TTTGGAGAAT TGGTGCTATA TAGATTAAAA TACTATGCTA  5760
AGTTTCTGAA ATACTTTTTT TTTTTGATTC AGTAACATTA GTTTATACTT TTGCTGGAAA  5820
TACTTAGTCA TAAAATGTTA GGGTGATTAT TAAGATGTGA TTGGTCCTGT GAGTACTTGG  5880
TAGAAATTTT GGTAAGATAG ATGCCTTTTC CCCACATGTA CAATAGATAC AAAGTGTGGA  5940
GAAAAGTCTT GGAAATAGTT ACCTGCCTAG TGCTTCTTTA TGACCAGAAA ACTTCAAATA  6000
GTTGTCATAT TTATCTAGTG CTTCTTAATG ACCAGAAGAC TTCAAATAGT TGTCATATTT  6060
AACTGCAGGT TGACCTTGCA ATTTTGACAA GGAGGATAGC CTAATTTTTT TTTTTTCTG   6120
GGATGGAGTT TTCGCTCTGT CCCCAGGCTT GGAGTGCAGT GGCTCAATCT TGGCTCACTG  6180
```

100

CAGCCTCCGA TTCCCGGGTT CAAGCAATTA TCCTGTCTCA GCCTCTTGAG CAGTTGGGAT 6240
TACAGGCACC CACCGCCAAG CCTGGCTAAT TTTTTGTATT TCTAGTAGAG ACGGAGTTTC 6300
ACCATGTTGG CGAGGTTGGT CTTAAACTCC TGATCTTAGG TGATCACCTG CCTCGGCCTC 6360
TCCCAAAGTG CTGGGGTTAC AGGCGTGAGC CACCGTGCCT GGCCAGGGTA GCCTAATCTT 6420
AAGCCAGGGA CAAAAGATGA ATATATGTAA GTTTCATGTC ATTTTTAGGT CTTTGCTATA 6480
GGAAATTAGT ACCTTAGGCC ACCTTTGAAG TTATTGAAAG TTAGTACATG TACATGAGAG 6540
TTTCAATTGA CACTAATTGG ATCCAAACCT AATGTTTTTC TTTTTAGTCG TTCCCCATCA 6600
GGAAGTCCTC GCAGAAGTGC AAGTCCTGAA AGAATGGACT GAAGCTCTCA AGTTCACCCT 6660
TTAGGGAAAA GTTATTTTGT TTACATTATT ATAAGGGATT TGTGATGTCT GTAAAGTGTA 6720
ACCTAGGAAA GATAATTCAA CCATCTAATC AAAATGGATC TGGATTACTA TGTAAATTCA 6780
CAGCAGTAAG GATAATATAA ATTTTGTTGA ATGTATGAAC ATCATATGGT CTGAAAATGT 6840
GGGTTTTTAT TTGGCACATT TAAATAACAT GTTTCTAACT AGATTTTTGA TTTGTGTTCA 6900
ATATTAACAC TTCTTAATTT GATATATTTG AGAGTCAGAC ATTATAATTG TTAATCCTTA 6960
TTCATACATA CCTACATTCA GAATTGAAAG GTGTTGGTTA AGTCTTGAAC ATCACTATTC 7020
TATGCATAAA ACTTGGCCAG GATCTTAAGG GACTTTGAAA ATTCCATCTT ACCCTTGTAG 7080
CTCTGGGTAA GATGACCTGA GTCCCTTATG ATACAGCCTG AATGCATCAT GACAGATCCT 7140
TAGTTAGCTA ATCCGTTTGA AGTTGGTGTT AGTAGGTATT GTATGATCAG TGGTGAAGCA 7200
AGTAGGACCA CTGATGTGTC TAAATGAGCA TGACAGGAAC TAAACGAAAC TGATTAAATG 7260
TATGAGAAAT AGAAACTGAT TTCTGGATGA TCTTTATACT AATTGCAGCT TTCAGGCTAC 7320
TAGGTGGCAT AGTGTTAATT AGGACTCCCC AAGATATGGG GAGTTCTACT CTCAATGGTC 7380
TTGTTTCTTT GCTTTCTACA TTAGTTAACC AGTTTTATAC CAAAAAATGC ATGTTTGAGG 7440
AATTGTCTGA AATTGGGACA AAACACCTTC ATGTAAACCA GCTTTGCAAA ATTTTCCAGC 7500
CCAGATACTC TTCATCTATT CAAATGGATT GTCTTATTCT GAGCAAAGAC CTGTTGTTAA 7560
TCTTCAAGCT AGGTTTTGCA GTTCCCAACC ACAACATTCT TCTATTTTGC CAGGCTGGTG 7620
CAAAGTAATT AAAGATGTCA ATCAGAAATG TCAATGAGAC TAAAGTGGTT TTGTAAATCT 7680
CAGCTATATT TAGCAACACT CCATGTAGCT AATATTTTTT GGTAGCATCT GGTAGACCTT 7740
AGAATGTTAC ATAGCCAGTA GGTTCTTTAT TCAAATTTTA AGTATCTTAA GAATAGTAGG 7800
GCAGTAACAG TTACTTTTGA GAGTTTTCTG GTCAAGCTTT TACCAGGCAT TCTCTAGCCT 7860
TGGTACAAAA AAAAAAAAAA CCTGCTGGTT GCGCAGATAC CTAGGCTTGT CCATTTTATG 7920
CATTTCAGCA AAGTCATTGG AGACTATTGC AACTTGGGAA TACTGGTCTG CATCAAGTTT 7980
AATTCGGTAG TTTGACCGCT AGTATGTTGG AAGTTATTTG GATTGTTTTT GGAATTTTGA 8040
CTGGCTGAAT TATGGTTGGT ATAAAGTTAT GTGTATAACT GGCAGGCTTA TTTATCTGTT 8100
GCACTTGGTT AGCTTTAATT GTTCTGTATT ATTTAAAGAT AAGTTTACTC AACAATAAAT 8160
CTGCAGAGAT TGAACAAATA ATCCTGATAC TTAATTTTTG GAAGTGGGAG CTC 8213

Name: 317 Len: 572 Check: 4C
CGCCGCATTG TGGTCCGCTT CTCTGCACTA TGTCGGGTGG CCTCCTGAAG GCGCTGCGCA 60
GCGACTCCTA CGTGGAGCTG AGCCAGTACC GGGACCAGCA CTTCCGGGGT GACAATGAAG 120
AACAAGAAAA ATTACTGAAG AAAAGCTGTA CGTTATATGT TGGAAATCTT TCTTTTTACA 180
CAACTGAAGA ACAAATCTAT GAACTCTTCA GCAAAAGTGG TGACATAAAG AAAATCATTA 240
TGGGTCTGGA TAAAATGAAG AAAACAGCAT GTGGATTCTG TTTTGTGGAA TATTACTCAC 300
GCGCAGATGC GGAAAACGCC ATGCGGTACA TAAATGGGAC GCGTCTGGAT GACCGAATCA 360
TTCGCACAGA CTGGGACGCA GGCTTTAAGG AGGGCAGGCA ATACGGCCGT GGGCGATCTG 420
GGGGCCAGGT TCGGGATGAG TATCGGCAGG ACTACGATGC TGGGAGAGGA GGCTATGGAA 480
AACTGGCACA GAACCAGTGA GTGGTGAGAG CTCTGTCAGT GACAAACACT CCTTTGGCCT 540
GTTGAATTTG CTGAAGAACA TCACCTAAAG TC 572

Name: 318 Len: 338 Check: 14BF
CAATGCTTGA AGTATAAAAA GCTGAGAGTG TTCTCGGGCA GGGAGTCTCC AGAACCAGGA 60
GAAGAAGAAT TTGGACGCTG GATGTTTCAT ACTACTCAGA TGATAAAGGC GTGGCAGGTG 120
CAGATGTAGA GAAGAGAAGG CGATTGCTAG AGAGCCTTCG AGGCCCAGCA CTTGATGTTA 180
TTCCGTGTCC TCAAGATAAA CAATCCTTTA ATTACTGTCC GATGAATGTC TGCAGGCTCT 240
TGAGGAGGTA TTTGGGGTTA CAGATAATCC TAGGGAGTTG CAGGTCAAAT ATCTAACCAC 300
NTTACCAGAA GGATGAGGAA AAGTTGTCGG CNTATGTC 338

Name: 319 Len: 451 Check: A27
TNTTTTTGAC TTTAAATGAT AAACTTTTAT TCTGAATATA CTGTTTTTGC ACAAGATTTA 60
ACACAACATT TTCTGGGATT ATAAATATTT TATAACAGTA TTATACAAAT TTTTACAAAA 120
TGTTTTTATC AGGCTAGGTA ATTTTCACAA AAGTGTCAAG AGAACAAAAT AAAGGGGAGA 180
AAAGATCTAT TGTTCACAAA AGCCAGTTGG CCTTTTGCAT GAATGCACAC CATTTTAATA 240
AAAGTATTCC TAAAAGCATG ATCCGACACT CATACAACAC AACAAAAAAG ACAGCTTTAC 300
TAGGTCACAT TATAAACTCA ACTGGCATCT ACACAAGACA GTATCCCATT AGTTTCAGTG 360
GAATTTGAGA TAACTTGTGT GAACTAGAAA TAAGGTAGAT GAAGAGTTGT CCAATTCTTC 420
NAAAATCTGG AATTTTTTTT CACACTCCAA N 451

Name: 32 Len: 623 Check: 213F
GGCAGTAGCA GAACACCTGC TCTCATGAAC TTCATGATGA CAGGCTCTTG GGTGACAATT 60

10-1

GGTGCGACCT TTGCAGCCAT GATTGGAGCT GGAATGCTTG TACACTCAAT ATCATATGAG 120
CAGANCCAGG CCCAAAGCAT CTGGCTTGGA TGCTGCATTC TGGTGTGATG GGTGCAGTTG 180
TGGCTCCTCT GACGATCTTA GGGGGGCCTC TTCTCCTGAG AGCCGCATGG TACACCGCTG 240
GTATTGTGGG AGGCCTCTCT ACTGTGGCCA TGTGTGCGCC TAGTGAGAAG TTTCTCGAAC 300
ATGGGAGCAC CCCTGGGAGT GGGCCTGGGT CTTGTCTTTT GCGTCTTCTC TGGGGTCTAT 360
GTTTCTTCCC CCTACCTCTG TGGGCTGGTG CACTCTGTAC TCAGTGGCAA TGTATGGTGG 420
ATTAGTTCTT TTCAGCATGT TCCTTCTGTA TGATACTCAG AAAGTAATCA AACGTGCAGA 480
AATAACACCC ATGTATGGAG CTCCAAAGTA TGATCCCATC AATTTCGATG TTGANATCTA 540
CATNGATACA ATTAATATAT TTATGCGAGT TGCANTAATG CTAGCAACTT GAAGCAACAG 600
AAAGAATGAA GTACCGCTTT TTA 623

Name: 320 Len: 359 Check: 19B0
GCCTACTGCA CCGCCGACCA CAACGTGAGC CCCAACATCT TCGCCTGGGT CTACAGGGAG 60
ATCAATGATG ACCTGTCCTA CCAGATGGAC TGCCACGCCG TGNAGTGCGA GAGCAAGCTC 120
GAGGCCAAGA AACTGGCCCA CGCCATGATG GAGGCCTTCA GGAAGACTTT CCACAGTATG 180
AAGAGCGACG GGCGGATCCA CAGCAACAGC TCCTCCGAAG AGGTTTCCCA GGAATTGGAA 240
TCCGATGATG GCTGAATGAA CTTTNAGACG CTTNAGCAAA GGCAGCATTG GTCACGGGGT 300
TCAAGGGAAT TAGATTGAGT AAGCAACGTT TCAAATTTGG GATGAAAGAT TTCCAAATT 359

Name: 321 Len: 295 Check: 102E
CCTCACTGCT ATGGGCCGCA ACAAGAAGAA GAAGCGAGAT GGTGACGACC GGCGGCCGAG 60
GCTCGTTCTT AGCTTCGACG AGGAGAAGAG GCGGGAGTAC CTGACAGGCT TCCACAAGCG 120
GAAGGTCGAG CGAAAGAAGG CAGCCATTGA GGAGATTAAG CAGCGGCTGA AAGAGGAGCA 180
GAGGAAGCTT CGGGAGGAGC GCCACCAGGA ATACTTGAAG ATGCTGGCAG AGAGAGAAGA 240
GGCTCTNGAG GAGGCAGATG AGCTGGACCG GTTGGTGACA GCAAAGACGG AGTCG 295

Name: 322 Len: 406 Check: 233D
CAAAAAGCTG GTNGCCTCCA GACCCGACTT TTTCAACCAG GAGCACCAGA CACGGGATGT 60
GGACTGTGTC CTCACAACAG GAGAAGTTTT CAGGTTGCTG GNGGNAGAGG GGGCTCGGGG 120
GGCTACCTGG AGCACGTGTT CCGGCACGCG GCCCGAGAGC TCTTTGGAAT CCATGTGGCT 180
GAGGTTACCT ACAAACCCCT GAGGAACAAA GACTTCCAGG AGGTGACACT NGAGAAGGAG 240
GGCCAGGTGC TGCTGCACTT CGCAATGGCG TACGGCTTCC GCAACATCCA GAACCTGGTG 300
CAGAGGCTCA AACGAGGGCG CTGCCCCTAC CACTACGTGN AGGTCATGGC CTGCCCCTCA 360
GGCTGCCTGA ACGGCGGGGG GCCAGCTCCA GGTCCCAGAC AAGGCC 406

Name: 323 Len: 489 Check: 149E
TTTTTTTTAA CATTCCTAAG TTTCTTTATT CTTCATAGTT TTCTAATGAA CAAATAGTTA 60
GTTTTCCTGA GTAAGATTAT AAAAAAGTTA ACCATTCTTC CAAAAGTATA AAGACAAATA 120
AAATGTCGAC TCATAATACA AATTTTTTAC ATAGCATTAA AGGTGCAGAT ATTGACTGCC 180
CCTCTTCATT ATGATTGGCC CACCCCTTAA AAAGACTGCA ACAGAGGATT CAATTGTCTA 240
AAATACTTCG AAGTACAGAA ATTAAATGCT TTAGCCCATA AACATATCCC TCATCTATTG 300
TGTTGCTAGG GAACACATGA GCAAAATCTA TCATTCGCAC TTCTACTTCA GCAATCTCTT 360
GGCAACCAGT GGGAAGATGG TAGAAAACTT TNTCCAGTTG GGAAAGTACA TTTCCATTTA 420
AATGTTCCTG TGACATGCTT TTCCACCCAT TGTCTTGCTC CAGATTTTCA ACTTTCAATG 480
AAGTCTGAC 489

Name: 324 Len: 491 Check: 21BF
TAAGGATTAA AAACGATTTT AATTATACAC ATATGGTCAC AATTTTGCCT TAAAAAGATT 60
GTTGGGAAAT GTACATAAGG CCGCTTGTAA ATGTACATCG TGTTACTGTT ATGTCTTATG 120
TCCAGAGGAA AAAATGTTAT CATACAGATT TGCTCTTACT TGGGAGTAGG CTATTCAAAA 180
ATACAGTACT CTTCTGTACA AAGAAAAAAG TCACATCACA TTTAATAAGA TGAAAAAAGC 240
ATTGGCCTCC ATGGTAACCA AATATCTCAG TCCAATACTT TCTATTATGC ACAATACCCT 300
GACTTCAATT GAAAGTGATC CAAATTCTAG CAGGTCCATA TTAACAGTCA ACAACTATGT 360
TATAAAACAA AATGATCTCA CAATAATAAA AAGAAAGCTG GTTCATACTT CTGAAACCAT 420
ATAAAGATAA AAAATTTTTA AAAAATCACT CTCGATTTGG AGAAATAAAT TTACATTATA 480
CAACACTATA T 491

Name: 325 Len: 546 Check: 101E
CGGCACGAGG GACAACGCAG CCTGATAAAC AAGTGGACGA CTTTTCTTAA GGCCAGACTG 60
ATTTGCTCAA TTCCTGGAAG TGATGGGGCA GATACTTACT TTGATGAGCT TCAAGATATT 120
TATTTACTCC CCACAAGAGA TGAAAGAAAT CCTGTAGTAT ATGGAGTCTT TACTACAACC 180
AGCTCCATCT TCAAAGGCTC TGCTGTTTGT GTGTATAGCA TGGCTGACAT CAGAGCAGTT 240
TTTAATGGTC CATATGCTCA TAAGGAAAGT GCAGACCATC GTTGGGTGCA GTATGATGGG 300
AGAATTCCTT ATCCACGGCC TGGTACATGT CCAAGCAAAA CCTATGACCC ACTGATTAAG 360
TCCACCCGAG ATTTTCCAGA TGATGTCATC AGTTTCATAA AGCGGCACTC TGTGATGTAT 420
AAGTCCGTAT ACCCAGTTGC AGGAGGACCA ACGTTCAAGA GAATCAATGT GGATTACAGA 480
CTGACACAGA TAGTGGTGGA TCATGTCATT GCAGAAGATG GCCAGTACGA TGTAATGTTT 540
CTTGGA 546

Name: 326 Len: 456 Check: A6C

102

GCACGAGTCT ACATCCAGAG GACCAAGAGC ATGTTCCAGA GGACCACGTA CAAGTATGAG 60
ATGATTAACA AGCAGAATGA GCAGATGCAT GCGCTGCTGG CCATTGCCCT CACGATGTAC 120
CCCATGCGTA TTGATGAGAG CATTCACCTC CAGCTGCGGG AGAAATATGG GGACAAGATG 180
TTGCGCATGC AGAAAGGTGA CCCACAAGTC TATGAAGAAC TTTTCAGTTA CTCCTGCCCC 240
AAGTTCCTGT CGCCTGTAGT GCCCAACTAT GATAATGTGC ACCCCAACTA CCACAAAGAG 300
CCCTTCCTGC AGCAGCTGAA GGTGTTTTCT GATGAAGTAC AGCAGCAGGC CCAGCTTTCA 360
ACCATCCGCA GCTTCCTGAA GCTCTACACC ACCATGCCTG TGGCCAAGCT GGCTGGCTTC 420
CTGGACCTCA CAGAGCAGGA GTTCCGGATC CAGCTT 456

Name: 327 Len: 462 Check: 1820
TTTACAGGTA CACAATTTAA TATTTATTAT ATGCATTTTA TATACATTAT TTTTCAACAG 60
CTGTATGTTT GCTATGTGGT ACAATCTTAA AAATTTGCTG ATTCATAGTT TGTAAAACAA 120
AAACCTTACA AAACTCATCA AAACTCGCAA ACTGATCAGA AAAGTTTCTC GGAAGACTAG 180
AAAAAATACT TTATTGTCTT AATCATGCAT TACACAAACA AAATCTTTAG TTACACCATA 240
AAATTAAGCA CATCTAAAAA AATAAAACAG GGATAACTAG TCAAAACACA GCAGATTTCT 300
GTATCCTGAT TCAACTATTT TTGTATCCTA TTTGTAATGC AAATAAAACT TTACTCCAAA 360
TATTTTTAAA CAAGTTAGTT TTGTTTGGAA TCATGGTAAA CCAAGATATA TATCTTAGGC 420
GGAACCACCT TGGTTTGTAA TTTAAACTAT AAAATACTCC AT 462

Name: 328 Len: 457 Check: D31
CAATTAAGGG CTTTGGCGGG ATTGGCTCCG CGTTTGGGCT GGTCCGCTGC TCCCCACCTA 60
CCAGGGTCGG ATCCGGAGCC CTTCCCCGCG GGGCGGGGAC CTCCAAACAA CCGACTCCTT 120
TCCAGCTGAA GAAACACTTA AATTCTGGAA ATAGCGACTC AGTATCATGG CCAGCAGCCT 180
TAATGAAGAT CCAGAAGGAA GCAGAATCAC TTATGTCAAA GGAGACCTTT TTGCATGCCC 240
GAAAACAGAC TCTTTAGCCC ACTGTATCAG TGAGGATTGT CGCATGGGCG CTGGGATAGC 300
TGTCCTCTTT AAGAAGAAAT TTGGAGGGGT GCAAGAACTT TTAAATCAAC AAAAGAAATC 360
TGGAGAAGTG GCTGTTCTGA AGAGAGATGG GCGATATATA TATTACTTGA TTACAAAGAA 420
AAGGGCTTCG CACAAGCCAA CTTATGAAAA CTTACAG 457

Name: 329 Len: 448 Check: 77C
TTTTTTTTTT TTTTATGATG CACTCCAAGT GCCATATGTC TATTTTATTC TTCAGGAAAT 60
TATATTTTTC TTTTACAAGA GCACAACAGG AACCAAAGTA AAAGAGTAAT AGATACAGCA 120
CTCAGGATAA ATCATATCTT TAAAATAATA ATAAAAAAAT TTACACCTTG TCCTATATCC 180
TGTTAGTATT TTCATAATAT GGCCATGATT GAAAAAACAA AAAGCAAGCA TCTACAATTT 240
TTTTTGATAA AGACTTTTTA TGCCAGGAAT GGATTAATTA CCAACAAAAT TTATACTAAT 300
CAGGCTGATG TCAATCTATT TTTGTAATGT ATCATTAACA AATTTATTTT GGAAAAGATA 360
AAAATATTGC CCCTTGATAA TAAATCTTTT TTTCCTTTGA TGCAAACAGC TAGAACACCT 420
TTTTCTTTTT CTTTTTGATA TTCTAAGA 448

Name: 33 Len: 464 Check: 1B37
TATTCCAAGC ACACTTTCCA GTATGCTTAC CTTGTTACGA CTTATCTCCT CTCATAAACG 60
GATGTCTAGA AATTAATTAT GTTAAGTTTA ATTTAATTTG AGGAGGGTGA CGGGCGGTGT 120
GTGCGTACTT CATTGCTCAA TTCAATTAAG CTCTCTATTC TTAATTTACT ACTAAATCCT 180
CCTTAGTCCT TTAGTTTCAT AAAGGGTATA GTAATGTTCT TTTATAAGAA AATGTAGCCC 240
ATTTCTTCCC ATTTCATTGG CTACACCTTG ACCTAACGTT TTTATGTTTG ATTCTTTTGC 300
TTACTTTAAT ACCTTTTTAG GGTTTGCTGA AGATGGCGGT ATATAGGCTG AATTAGCAAG 360
AGATGGTGAG GTAGAGCGGG GTTTATCCGA TTATAGAACA GGCTCCTCTA GATGGATATA 420
AAGTACCGCC AAGTCCNTTG AAGTTTTAAG CNATGGCTAG TAGT 464

Name: 330 Len: 373 Check: A98
GTTGCACATG CCGTCGGCCA TGACTGTGTA TGCTCTGGTG GTGGTGTCTT ACTTCCTCAT 60
CACCGGAGGA ATAATTTATG ATGTTATTGT TGAACCTCCA AGTGTCGGTT CTATGACTGA 120
TGAACATGGG CATCAGAGGC CAGTAGCTTT CTTGGCCTAC AGAGTAAATG GACAATATAT 180
TATGGAAGGA CTTGCATCCA GCTTCCTATT TACAATGGGA GGATTAGGTT TCATAATCCT 240
GGACCGATCG AATGCACCAA ATATCCCAAA ACTCAATAGA TTCCTTCTTC TGTTCATTGG 300
ATTCGTCTGT GTCCTATTGA GTTTTTTGAT GGCTAGAGTA TTCATGAGAA TGAAACTGCC 360
GGGCTATCTG ATG 373

Name: 331 Len: 306 Check: 2689
GGCGAAGAGG ACCAGGACTA TGACATCACC CAGCTCCACC GAGGTCTGGA GGCCAGGCCG 60
GAGGTGGTTC TCCGCAATGA CGTGGCACCA ACCATCATCC CGACACCCAT GTACCGTCCT 120
CGGCCAGCCA ACCCAGATGA AATCGGCAAC TTTATAATTG AGAACCTGAA GGCGGCTAAC 180
ACAGACCCCA CAGCCCCGCC CTACGACACC CTCTTGGTGT TCGACTATGA GGGCAGCGGC 240
TCCGACGCCG CGTCCCTGAG CTCCCTCACC TCCTCCGCCT CCGACCAAGA CCAAGATTAC 300
GATTAT 306

Name: 332 Len: 626 Check: FF
TCACGTATCG CAAGGGGCTT TTATTGGATT AGTTGCGTGG GGGAATCAGT TCTTCCCGAG 60
AGCAGCAAGT GCAGGCATTA GTGTACAGAA TCCAGAGGAA GGGCAGGCTG CTTGGGTGAG 120
GCCTACTCGC CTGGAGACAT GTGGAGTTCT CTAGGGGTCT GCAGCCACCT CGGGGAGCTG 180

103

GGAGATTCCC TCCCAGACAC TCCTACATAT AGGAAGGTGA TGCTTCTATC TCATTCCGCA 240
CGGCTTTTCC TGCGGTATTC CTGTAGCGCC TTCTCCGCCA CTGTGTCCAT AAACTTAGGG 300
TTATCCTTAG AGACTTCTTC TGGTAACACC ACTGTGATGG GGTCAGAGTC AAACAGCTTC 360
ACCACCACCT CAGTGACACG GGANGGGACC TCTGAGTCAG AGGAATGGGT GGTCACGGTG 420
GAGACCCGAA GGTAAGTACT TGTCTTCGNC CTGTGTGAAG GTTAGCCAAC TGGGAAACCC 480
AGTTTGAACT GGTCGTTCAG CTTGCTCCAG CAGGGAATGA GGTGTTGAGC ATCTTTCGAC 540
TGGAAAGACT GCAGCAGTTC CCTGTANTGC TCTGTNAGCC TTTCGGCACC TGGAGCGAGT 600
CGTTAAGTCC TGGGCAGGTT AGCTGG 626

Name: 333 Len: 4898 Check: FCC

GAATTCCGGC TGCCAGGGGC GTCCGGTTAC ATCCCCGCCT TCCTCTGTCC TGGCCGCGGG 60
ACCGGGTTTG CGGGACCGCA GTTCGGGAAC ATGTTGGCCT CGAGCAGCCG GATCCGGGCT 120
GCGTGGACGC GGGCGCTGCT GCTGCCGCTG CTGCTGGCGG GGCCTGTGGG CTGCCTGAGC 180
CGCCAGGAGC TCTTTCCCTT CGGCCCCGGA CAGGGGGACC TGGAGCTGGA GGACGGGGAT 240
GACTTCGTCT CTCCTGCCCT GGAGCTGAGT GGGGCGCTCC GCTTCTACGA CAGATCCGAC 300
ATCGACGCAG TCTACGTCAC CACAAATGGC ATCATTGCTA CGAGTGAACC CCCGGCCAAA 360
GAATCCCATC CCGGGCTCTT CCCACCAACA TTCGGTGCAG TCGCCCCTTT CCTGGCGGAC 420
TTGGACACGA CCGATGGCCT GGGGAAGGTT TATTATCGAG AAGACTTATC CCCCTCCATC 480
ACTCAGCGAG CAGCAGAGTG TGTCCACAGA GGGTTCCCGG AGATCTCTTT CCAGCCTAGT 540
AGCGCGGTGG TTGTCACTTG GGAATCCGTG GCCCCCTACC AAGGGCCCAG CAGGGACCCA 600
GACCAGAAAG GCAAGAGAAA CACGTTCCAG GCTGTTCTAG CCTCCTCTGA TTCCAGCTCC 660
TATGCCATTT TCCTTTATCC TGAGGATGGT CTGCAGTTCC ATACGACATT CTCAAAGAAG 720
GAAAACAACC AAGTTCCTGC CGTGGTTGCA TTCAGTCAAG GTTCAGTGGG ATTCTTATGG 780
AAGAGCAACG GAGCTTATAA CATATTTGCT AATGACAGGG AATCAATTGA AAATTTGGCC 840
AAGAGTAGTA ACTCTGGGCA GCAGGGTGTC TGGGTGTTTG AGATTGGGGC AGAGTATGAT 900
ACCAATGGCG TGGTGCCTGC AGACGTGATC CTCGGAACTG AAGATGGGGC AGAGTATGAT 960
GATGAGGATG AAGATTATGA CCTGGCGACC ACTCGTCTGG GCCTGGAGGA TGTGGGCACC 1020
ACGCCCTTCT CCTACAAGGC TCTGAGAAGG GGAGGTGCTG ACACATACAG TGTGCCCAGC 1080
GTCCTCTCCC CGCGCCGGGC AGCTACCGAA AGGCCCCTTG GACCTCCCAC AGAGAGAACC 1140
AGGTCTTTCC AGTTGGCAGT GGAGACTTTT CACCAGCAGC ACCCTCAGGT CATAGATGTG 1200
GATGAAGTTG AGGAAACAGG AGTTGTTTTC AGCTATAACA CGGATTCCCG CCAGACGTGT 1260
GCTAACAACA GACACCAGTG CTCGGTGCAC GCAGAGTGCA GGGACTACGC CACGGGCTTC 1320
TGCTGCAGCT GTGTCGCTGG CTATACGGGC AATGGCAGGC AATGTGTTGC AGAAGGTTCC 1380
CCCCAGCGAG TCAATGGCAA GGTGAAAGGA AGGATCTTTG TGGGGAGCAG CCAGGTCCCC 1440
ATTGTCTTTG AGAACACTGA CCTCCACTCT TACGTAGTAA TGAACCACGG GCGCTCCTAC 1500
ACAGCCATCA GCACCATTCC CGAGACCGTT GGATATTCTC TGCTTCCACT GGCCCCAGTT 1560
GGAGGCATCA TTGGATGGAT GTTTGCAGTG GAGCAGGACG GATTCAAGAA TGGGTTCAGC 1620
ATCACCGGGG GTGAGTTCAC TCGCCAGGCT GAGGTGACCT TCGTGGGGCA CCCGGGCAAT 1680
CTGGTCATTA AGCAGCGGTT CAGCGGCATC GATGAGCATG GGCACCTGAC CATCGACACG 1740
GAGCTGGAGG GCCGCGTGCC GCAGATTCCG TTCGGCTCCT CCGTGCACAT TGAGCCCTAC 1800
ACGGAGCTGT ACCACTACTC CACCTCAGTG ATCACTTCCT CCTCCACCCG GGAGTACACG 1860
GTGACTGAGC CCGAGCGAGA TGGGGCATCT CCTTCACGCA TCTACACTTA CCAGTGGCGC 1920
CAGACCATCA CCTTCCAGGA ATGCGTCCAC GATGACTCCC GGCCAGCCCT GCCCAGCACC 1980
CAGCAGCTCT CGGTGGACAG CGTGTTCGTC CTGTACAACC AGGAGGAGAA GATCTTGCGC 2040
TACGCTTTCA GCAACTCCAT TGGGCCTGTG AGGGAAGGCT CCCCTGATGC TCTTCAGAAT 2100
CCCTGCTACA TCGGCACTCA TGGGTGTGAC ACCAACGCGG CCTGTCGCCC TGGTCCCAGG 2160
ACACAGTTCA CCTGCGAGTG CTCCATCGGC TTCCGAGGAG ACGGGCGAAC CTGCTATGAT 2220
ATTGATGAAT GTTCAGAACA ACCCTCAGTG TGTGGGAGCC ACACAATCTG CAATAATCAC 2280
CCAGGAACCT TCCGCTGCGA GTGTGTGGAG GGCTACCAGT TTTCAGATGA GGGAACGTGT 2340
GTGGCTGTCG TGGACCAGCG CCCCATCAAC TACTGTGAAA CTGGCCTTCA TAACTGCGAC 2400
ATACCCCAGC GGGCCCAGTG TATCTACACA GGAGGCTCCT CCTACACCTG TTCCTGCTTG 2460
CCAGGCTTTT CTGGGGATGG CCAAGCCTGC CAAGATGTAG ATGAATGCCA GCCAAGCGGA 2520
TGTCACCCTG ACGCCTTCTG CTACAACACT CCAGGCTCTT TCACGTGCCA GTGCAAACCT 2580
GGTTATCAGG GAGACGGCTT CCGTTGCGTG CCCGGAGAGG TGGAGAAAAC CCGGTGCCAG 2640
CACGAGCGAG AACACATTCT CGGGGCAGCG GGGGCGACAG ACCCACAGCG ACCCATTCCT 2700
CCGGGGCTGT TCGTTCCTGA GTGCGATGCG CACGGGCACT ACGCGCCCAC CCAGTGCCAC 2760
GGCAGCACCG GCTACTGCTG GTGCGTGGAT CGCGACGGCC GCGAGGTGGA GGGCACCAGG 2820
ACCAGGCCCG GGATGACGCC CCCGTGTCTG AGTACAGTGG CTCCCCCGAT TCACCAAGGA 2880
CCTGCGGTGC CTACCGCCGT GATCCCCTTG CCTCCTGGGA CCCATTTACT CTTTGCCCAG 2940
ACTGGGAAGA TTGAGCGCCT GCCCCTGGAG GGAAATACCA TGAGGAAGAC AGAAGCAAAG 3000
GCGTTCCTTC ATGTCCCGGC TAAAGTCATC ATTGGACTGG CCTTTGACTG CGTGGACAAG 3060
ATGGTTTACT GGACGGACAT CACTGAGCCT TCCATTGGGA GAGCTAGTCT ACATGGTGGA 3120
GAGCCAACCA CCATCATTAG ACAAGATCTT GGAAGTCCAG AAGGTATCGC TGTTGATCAC 3180
CTTGGCCGCA ACATCTTCTG GACAGACTCT AACCTGGATC GAATAGAAGT GGCGAAGCTG 3240

GACGGCACGC AGCGCCGGGT GCTCTTTGAG ACTGACCTGG TGAATCCCAG AGGCATTGTA 3300
ACGGATTCCG TGAGAGGGAA CCTTTACTGG ACAGACTGGA ACAGAGATAA CCCCAAGATT 3360
GAAACTTCCT ACATGGACGG CACGAACCGG AGGATCCTTG TGCAGGATGA CCTGGGCTTG 3420
CCCAATGGAC TGCACTTCGA TGCGTTCTCA TCTCAGCTCT GCTGGGTGGA TGCAGGCACC 3480
AATCGGGCGG AATGCCTGAA CCCCAGTCAG CCCAGCAGAC GCAAGGCTCT CGAAGGGCTC 3540
CAGTATCCTT TTGCTGTGAC GAGCTACGGG AAGAATCTGT ATTTCACAGA CTGGAAGATG 3600
AATTCCGTGG TTGCTCTCGA TCTTGCAATT TCCAAGGAGA CGGATGCTTT CCAACCCCAC 3660
AAGCAGACCC GGCTGTATGG CATCACCACG GCCCTGTCTC AGTGTCCGCA AGGCCATAAC 3720
TACTGCTCAG TGAACAATGG CGGCTGCACC CACCTATGCT TGGCCACCCC AGGGAGCAGG 3780
ACCTGCCGTT GCCCTGACAA CACCTTGGGA GTTGACTGTA TCGAACGGAA ATGAAGACAA 3840
GAGTGCCTTA TTTCCTTTCC AAGTATTTCA CAGCAACACT CTACTTGAAG CAACTTGGTC 3900
CAGATTGAAA AGTGTCCTCT GGCTGAGTGG CCACTAGGCC CAGACCCAGC CCAGCCTGAG 3960
CCCCAACAAC AACTTTTCCC TCACTGTTCC CCAAAACATG CACCGTGGAC TTCTCTAATA 4020
GAAAAGTCTC CACCCCTACA CAAGGACAGA ACCCTCCACC CCTACCCCCA ACCCTCAGAC 4080
AGACTTATAC ACCCCTGAGT GAGGATTACA TGCCCATCCC AGTGTCCTAG GACCTTTTCC 4140
CAATACTAGC CCCCCAGTGG TGAACAGAAC CTCCCAAATT TGAGTTGCAC CCTTCCCTGT 4200
GGCCTTATGA GCTCAGCCTC GCTTTGAGGT ACCCACCGTC CTGTCAGCTC CTTGACCTAT 4260
GAGCTGGGGC CTGACTAGGA AAAGTTGGGA GTTAAGGAGG AAATTAGCAT TCCTTAATGT 4320
TTTGTTTTGG TGCTCTGAAT TTCTTCTTTA TTATAGTCCT ATAGTTTTAC TCCTCAGTTC 4380
CTCACCATCA TCATCTTGTC TAAGACCCCC ATTATAATAT TCATGCGCTG CTTTTTCATC 4440
AAAACCTACC CTGTCCTAGA GATCTATGGG CATTTGGTGG ATGATAATGA GCAGCCCCTC 4500
CCAGATAGAA TGTCAATATT TGAGCAGTAG GATATTGGCA TTTGTTAGTT AAAGGCTTAA 4560
ATCAAAAGAA TGTCCAATGG TAGGAATTTC AAGGTGTAGG TCAGATATTT GAGAATAGGG 4620
GATTTTTTTG ATGTGCCTTA AATTATACCA AAGATTACTA ATTATTCCTC TTTGCCCAAA 4680
ATACTTGCAT CCAAGGTTCT AGTCTCTGTT GCTGTGCTGG TCTTTAGCCC CACTGCTGGC 4740
ACTGATGTCC CTCCTTTTTC ACGGAGACCT ATCTGAGGTA CAGGATGGGG CTGGCACCAG 4800
ATGATGTCCC ACCACAGTCC CTCACCTCCG GCCTCCACAT GACAGAACCA ATTTACACTC 4860
AACCATGACC TCACCCCTCC TTGGTTTCTC CCTCCCCG 4898

Name: 334 Len: 429 Check: 74D
TGTTTCGGAG GCNAGCGGGG CNNGNCNTGT GACAACTGCC NGTAGACCTG GGGCTGCTGA 60
ACCCAGTCCC GATGGCACCA CCGGCCACAC CTACAACCAG TATACACAGA GATACAATCA 120
GAGAACAAAC ACTAACGTAA ATTGCCCCAT TGAGTGCTTC ATGCCGCTAG ATGTGCAAGC 180
TGACAGAGAC GATTCTCGAG AGTAATCTTT CCAGCCCCAC CCGTACAAGT GTNTNNCTAC 240
CAAGGTCAAT CCACACCCCA GTGATGTTAG CAGACCCTCC ATCTTTGAGT GGTCCTTTCA 300
CCCTTAAGCC TTTTGCTCTG GAGCCATGTT CTCAGCTTCA GACAATTTAC AGCTTCTCCA 360
AGCATCGCCC GTGGATTGTT TTGAGACTTC TCTCCTCAAT GGTGACAGTT GGTCACCTGT 420
TCTGCTTCA 429

Name: 335 Len: 411 Check: 55
CCCACCGACC CATCTGCAAA ATCCCGGAAG AGCCAAGGAG GGGGACACAG GCAGTACCAG 60
TGGCACCAGC AGCCCACCAG CCCCCTGCCG CCCTGTACCT TGTATCTCCC TTTCCCCAGG 120
GCCTGTGCTT GAACCTGAGG CACTGCACAC CCCCACACTC ATGACCACAC CCTCCCTAAC 180
TCCTTTCACC CCCAGCCTGG TCTTCACCTA CCCCAGCACT CCTGAGCCTT GTGCCTCAGC 240
TCATCGCAAG AGTAGCAGCA GCAGCGGAAG ACCCATCCTC TGACCCCCTT GGCTCTCCAA 300
CCCTCCTCGC TTTGTGAGGC GCCTGAGCCC TACTCCCTGC AGATGCCACC CTTAGCCAAT 360
GTCTCCTCCC CTTCCCCCAC CGGTCCAGCT GGCCTGGACA GTATCCCAGA A 411

Name: 34 Len: 308 Check: 3A1
CCGCGAGACG TCGGTGAGGT GGGACTGGTG ACTCTCAGAA GCTCCTCGGT GCACTTTTGT 60
CTCGGCAGAC TGGGAGGGAG CAGGCGCTCG CGGAANACCG TCACTTACTG GGTTTGTTCA 120
CCTGTTTCCA GCAAGTTTTG GTCTTTTGGG CAGAAGCCTG TTGACCAACT GTGGGCCACC 180
ACAGTCTTGC ACAGAAAGGT GGCACCCGGA GTGGTTTGTG GCCCTCACTA CCAAAGCCAC 240
GGGAAGCCCA ATTTCCAGTA GGATTGCCGG TTTTGAATTC TTTTCCCAAA AGCNAAATNG 300
AGTTTNAC 308

Name: 35 Len: 435 Check: 21E
AAAAAGCCAT TAATATTCAA ACAAAGGAAT CACATTTTAA AAACCCTATA CATAAGAAAC 60
AGCCTCCAGG AACATTCAAG CAGCAGTCAG GAGGGAAAAA TGTTTCAATA GCCCAGTTTT 120
CTTCAAAGTA TGCCAGAGAA TACAATCCAA TTCACTGCTA CAATTCATAG AATTNGTCAG 180
TGTTTTCTTG AGACGCTGAG GTTCACTGTT GGCAGTTTCC AAGTGGCCGC ATGTGCTGCT 240
CAGAAAGGCC AGCGNAGACN AGCTGCCCGG AAGAACTTTC ACTGCTGGAA AACTGCTCCG 300
CTCCCAAGGA AAGCCCAAGG AAGGCTGGGC CGTGGGCTCA CAACTTCATC CTTTCTCCAG 360
GGTCATCCAG CTCCACGTCA CTTGAGGTCA ATGTCGTCNT CCACAGGGAA GCTCACCATC 420
CTTTGCCATC CCAGG 435

Name: 36 Len: 505 Check: 2510
CCGGCAACGT ACACCTTTTT TATTAAGGGG CTTCTATTGT GTTCTGAAGT TCCATCTCTG 60

105

TGACAACATT AATATACTTT AAATACCTGG GATGTGGTCT GGTACATACA TGGTGGATGC 120
TGTGTGTGTA TTATATATAC TACTATATTA TGAACACCTG AGTCATGGAA GTCCTTGCAA 180
AGTGTGCCTT AAAATCCTCA ACCTTTTTAA CTTTTCTCAT ACATCGAAGT CAGTATTCTT 240
ATGAAGGCCC CCATATTGAA AAAAGTCACC TTGTCCTGAG AGGTTGTAGC CATCATCATT 300
TTCCAGCGGC TGCCATCTTT TATTCTGGGA ACGTTTTCTG GGTTCACTGA CATCATTACT 360
TTGTACTAAG TTTTCCTCGT TGCTTAAAAG GCTGCTCTGT AGCAACAACT GTCTCATCCC 420
TTCAAAGCTT TTCCAAGCAG TTTAGCTATT TGAAAAGGGG GCTTTCTAAC TTCATCTTTT 480
CAAAATAAAC TGCTGGGCAT GCGTT 505

Name: 37 Len: 451 Check: A27
TNTTTTTGAC TTTAAATGAT AAACTTTTAT TCTGAATATA CTGTTTTTGC ACAAGATTTA 60
ACACAACATT TTCTGGGATT ATAAATATTT TATAACAGTA TTATACAAAT TTTTACAAAA 120
TGTTTTTATC AGGCTAGGTA ATTTTCACAA AAGTGTCAAG AGAACAAAAT AAAGGGGAGA 180
AAAGATCTAT TGTTCACAAA AGCCAGTTGG CCTTTTGCAT GAATGCACAC CATTTTAATA 240
AAAGTATTCC TAAAAGCATG ATCCGACACT CATACAACAC AACAAAAAAG ACAGCTTTAC 300
TAGGTCACAT TATAAACTCA ACTGGCATCT ACACAAGACA GTATCCCATT AGTTTCAGTG 360
GAATTTGAGA TAACTTGTGT GAACTAGAAA TAAGGTAGAT GAAGAGTTGT CCAATTCTTC 420
NAAAATCTGG AATTTTTTTT CACACTCCAA N 451

Name: 38 Len: 245 Check: CCD
GATTTGCCGT CTTGTACCCT TAAGAGCTAC AGCTAGAGAA ACCTTCACGG GGTGGAGAGA 60
GGATTCTAAG GCTTTTCTAG CGTGACCCTT TTCAGTAGTG CTAGTCCCTT TTTTACTTGA 120
TCTTAATGGC AAGAAGGCCA CAAAGGTACT TTTCCTTTTT TAGCTCAGGA AATATGTCAG 180
GCTCAAACCA CTTCTCAGGC AGTTTAATGG ACACTAGTCC ATTGTTACAT GAAGTGATAG 240
ATAGC 245

Name: 39 Len: 403 Check: 185
AATTCAAAGG TAAATACACT GAGTAAAGAG CTACATTCAG AGTTCTCAGA AGTTATGAAT 60
GAAATCTGGG CTAGTGATCA AATCAGAAGT GCCGTCCTTA TCTCATCAAA GCCAGGCTGC 120
TTTATTGCAG GTGCTGATAT CAACATGTTA GCCGCTTGCA AGACCCTTCA AGAAGTAACA 180
CAGCTATCAC AAGAAGCACA GAGAATAGTT GAGAAACTTG AAAAGTCCAC AAAGCCTATT 240
GTGGCTGCCA TCAATGGATC CTGCCTGGGA GGAGGACTTG AGGTTGCCAT TTCATGCCAA 300
TACAGAATAG CAACAAAAGA CAGAAAAACA GTATTAGGTA CCCTGAAGTT TTGCTGGGGG 360
CCTTACCAGG AGCAGGAGGC ACACAAAGGG CTGCCCAAAA TGG 403

Name: 4 Len: 433 Check: 1372
GACTCCTTCA CGTCAGGCTC AGGTTCCATG GGAGGACGAA GCAGTGGACG CATTGTGGGC 60
TTTAGGGACA GATGAGTTTT CCAGATAGTG TCAGCTTATT TGAAGATTAA TTTTCTTTGT 120
TAACTTAAAA TAACTATTTT AACCCTTGAG TGGCTTCTTT TTAAACCAAA AACCGTCTTT 180
CTTTGCTTTT TTATCACAGC AGAATCAGGA TCTCTTTCTC ATTCAAGGGG GGAACCACCC 240
CAGGGTCAGC GCTGCGCCTG CTGTGGCCGC CGCGAGCCAC GNCCTCTGGG ATTCTTTTGG 300
TACCGTCACT CTTGGCTTGT GCCTTCCACA ACTTCTCGGT TGCAGATCCC TATGGGGGGA 360
AGCTTGCCTC AANGTTCTCT GGAACTTGGT CAGAAGCAAG CGCCTGGGTN GGGTGTTTNC 420
CTGGGGCCAA TTT 433

Name: 40 Len: 527 Check: 26AF
GGACAATGAC GGCCTCCAGT GTCCTCCTGC ACACTGGACA GAAGATGCCT CTGATTGGTC 60
TGGGGACATG GAAGAGTGAG CCTGGTCAGG TGAAAGCAGC CATTAAACAT GCCCTTAGCG 120
CAGGCTACCG CCACATTGAT TGTGCTTCTG TATATGGCAA TGAAACTGAG ATTGGGGAGG 180
CCCTGAAGGA GAGTGTGGGG TCAGGCAAGG CAGTCCCTCG AGAGGAGCTG TTTGTGACAT 240
CCAAGCTGTG GAATACTAAG CACCACCCTG AGGATGTAGA ACCTGCCCTC CGGAAGACAC 300
TGGCTGATCT GCAACTGGAG TATTTGGACC TCTATTTGAT GCACTGGCCC TTAATGCCTT 360
TGAAGCCGGG GAGACAATCC CCTTTTCCCA AGAAATGCCG AATGGGAACT GTCAGATATG 420
ACTCCAACTC ACTATTAAAG AGACCTGGAA GGCTCTTGGA AGTACTGGTG GCNAAAGGGG 480
CTGGTGAAAG CCCTGGGCNT TGTCCAACTT TCAACAGTCG GCAAGAT 527

Name: 41 Len: 449 Check: 516
CATAATTCAG AACAGCACAC TGGGAGAAGC AGAGATTGAG CGTGNGGGNG AGTAATCCTG 60
AGAGAGATGC AGGAAGTTGA AACCAACTTG CAAGAAGTTG TTTTTGATTA TCTTCATGCG 120
ACANCTATCA AAATACTGCA CTTGGACGGA CAATTCTGGG ACCAACTGAA AATATCAAAT 180
CTATAAATCG TAAGGACCTA GTGGATTACA TAACCACACA CTACAAGGGA CCAAGAATTG 240
TACTGGCTGC CGCCGGAGGT GTTTGCCATA ACGAACTGCT GGAGTTAGCA AAGTTCCATT 300
TTGGTGACTC TTTGTGCTCA CACAAAGGGA GCTATACCAG CTCTGCCTCC CTGGCAAGTT 360
CACTGGAAGT GAAGATTCGG GGTGAAGGGA TGACCAGGAT GCCCNTTGGG GAACCTTGGC 420
AATAACTGGT TTGANCCAAT TTGGTTGGG 449

Name: 42 Len: 411 Check: 19A6
TCTTCCTGGC CAATGCGTCT CGGGCGCGCT CAGAGCAGTT CATCAACCTG CGAGAGGTCA 60
GCACCCGCTT CCGCCTGCCA CCCGGGGAGT ATGTGGTGGT GCCCTCCACC TTCGAGCCCA 120
ACAAGGAGGG CGACGTTCGT GCTGCGCTTC ATTCTCAGAG AAGAGTGCTG GGACTGTGGA 180

106

GCTGGATGAC CAGATCCAGG CCAATCTCCC CGATGAGCAA GTGCTCTCAG AAGAGGAGAT 240
TGACGAGAAC TTCAAGGCCC TCTTCAGGCA GCTGGCAGGG GAGGACATGG AGATCAGCGT 300
GAAGGAGTTG CGGACAATCC TCAATAGGAT CATCAGCAAA CACAAAGACC TGCGGACCAA 360
GGGCTTCAGC TAAGAGTCGT GCCGCAGCAT GGGTGAACCT CATGGATCGT T 411

Name: 43 Len: 455 Check: 1D9D
TTCTCATTAA CAACTCCCAC GGTGGGAAGA CAGTTTATCA CTTAGTCTTA TACTTTTGGA 60
CAGCTCACTT CTGCACAATT GAGATACATT TGAAGAGTAG TCTGTTTGCA ATCTGTCATA 120
TTTTAATCCA CAAACAAGGA GAACTCCCTA AATTGAACTT GTCTAAATCC AGCTTTCCTC 180
AACCTCCTTC CTAAGACTTA GACAAATTAG TCATTGAGAG CATCTCCTGA TTAAATGTTC 240
CCTAGAAGCA GAGCCATCAA CAGAGCTGGT GTCACCTGAA CAAGAATGGG AGGTTCCAAA 300
GGGAATACTT TCGAGCTTCA TGCAAAGTCT AACTCAGGAG GGAACAGGCC TCCCTCCTGG 360
CTGAAGAGAT GCTCCTTATC CTGGACAGCA ATCAGCTGGC TCTCCTTAAG AAATGGGTGG 420
GTCAAAGGGC NACATGAGCT CATGAAATGT TCAGT 455

Name: 44 Len: 312 Check: 7C1
CTCACNTGTA GNAGATATGG AGCGGAGAGA CGTTGACTTT GAGCTTATCA AAGTAGAAGG 60
CAAAGTGGGC GGCAGGCTGG AGGACACTAA ACTGATTAAG GGCGTGATTG TGGACAAGGA 120
TTTCAGTCAC CCACAGATGC CAAAAAAAGT GGAAGATGCG AAGATTGCAA TTCTCACATG 180
TCCATTTGAA CCACCCAAAC CAAAAACAAA GCATAAGCTG GATGTGACCT CTGTCGAAGA 240
TTATAAAGCC CTTCAGAAAT ACCGAAAAGG AGAAATTTGA AGAGATGATT CAACAAATTA 300
AAGAGACTGG TT 312

Name: 45 Len: 600 Check: 1915
TCCGGAGCGC ACGTCGGCAG TCGGCTCCCT CGTTGACCGA ATCACCGACC TCTCTCCCCA 60
GCTGTATTTC CAAAATGTCG CTTTCTAACA AGCTGACGCT GGACAAGCTG GACGTTAAAG 120
GGAAGCGGGT CGTTATGAGA GTCGACTTCA ATGTTCCTAT GAAGAACAAC CAGATAACAA 180
ACAACCAGAG GATTAAGGCT GCTGTCCCAA GCATCAAATT CTGCTTGGAC AATGGAGCCA 240
AGTCGGTAGT CCTTATGAGC CACCTAGGCC GGCCTGATGG TGTGCCCATG CCTGACAAGT 300
ACTCCTTAGA GCCAGTTGCT GTAGAACTCA AATCTCTGCT GGGCAAGGAT GTTCTGTTCT 360
TGAAGGACTG TGTAGGCCCA GAAGTGGAGA AAGCCTGTGC CAACCCAGCT GCTGGGTCTG 420
TCATCCTGCT GGAGAACCTC CGCTTTCATG TGGAGGAAGA AGGGAAGGGA AAAGATGCTT 480
CTGGGAACAA GGTTAAAGCC GAGCCAGCCA AAATAGAAGC TTTCCGAGCT TCACTTTCCA 540
AGCTAGGGGA TGTCTATGTC AATGATGCTT TTGCACTGTC ACAGAGCCAC AGCTCCATGG 600

Name: 46 Len: 598 Check: 154B
TTATGCCAAA AATGGAGAAC TACTTAAATA TATTCGCAAA ATCGGTTCAT TCGATGAGAC 60
CTGTACCCGA TTTTACACGG CTGAGATTGT GTCTGCTTTA GAGTACTTGC ACGGCAAGGG 120
CATCATTCAN AGGGACCTTA AACCGGAAAA CATTTTGTTA AATGAAGATA TGCACATCCA 180
GATCACAGAT TTTGGAACAG CAAAAGTCTT ATCCCCAGAG AGCAAACAAG CCAGGGCCAA 240
CTCATTCGTG GGAACAGCGC AGTACGTTTC TCCAGAGCTG CTCACGGAGA AGTCCGCCTG 300
TAAGAGTTCA GACCTTTGGG CTCTTGGATG CATAATATAC CAGCTTGTGG CAGGACTCCC 360
ACCATTCCGA GCTGGAAACG AGTATCTTAT ATTTCAGAAG ATCATTAAGT TGGAATATGA 420
CTTTCCAGAA AAATTCTTCC CTAAGGCAAG AGACCTCGTG GAGAAACTTT TGGTTTTAGA 480
TGCCACANAG CGGTTAGGCT GTGAGGAAAT GGNAGGATAC GGACCTCTTA AAGCACNCCC 540
GTNCTTCGAG TCCGTCACGT GGGAGANCTG CACCAGCGAC GCCTCCGAAG CTCACCGT 598

Name: 47 Len: 485 Check: 2256
AAATTCAGAA AGGAGTATTT GAGGTGAAAT CCACAAATGG GGATACCTTC TTAGGTGGGG 60
AAGACTTTGA CCAGGCCTTG CTACGGCACA TTGTGAAGGA GTTCAAGAGA GAGACAGGGG 120
TTGATTTGAC TAAAGACAAC ATGGCACTTC AGAGGGTACG GGAAGCTGCT GAAAAGGCTA 180
AATGTGAACT CTCCTCATCT GTGCAGACTG ACATCAATTT GCCCTATCTT ACAATGGATT 240
CTTCTGGACC CAAGCATTTG AATATGAAGT TGACCCNGTG CTCAATTTGA AGGGATTGTC 300
ACTGATCTAA TCAGAAGGAC TATCGCTCCA TGCCAAAAAG CTATGCAAGA TGCAGAAGTC 360
AGCAAGAGTG ACATAGGAGA AGTGATTCTT GTGGGTGGCA TGACTAGGAT GCCCAAGGTT 420
CAGCAGACTG TACAGGATCT TTTTGGCAGA CCCCAAGTAA AGCTGTCAAT CCTGATGANG 480
CTGNG 485

Name: 48 Len: 293 Check: 744
AAAGAAATGA ATTGCAGCAG ACTATTAATA AATTAACCAA GGACCCTGGA AGCTGAACAA 60
CAGAAGTTGT GGAATGAGGA GTTAAAATAT GCCAGAGNAN NGAAGCGATT GAAACACAAT 120
TAGCAGAGTA TCACAAATTG GCTAGAAAAT TAAAACTTAT TCCCTAAAGG TGCTGAGAAT 180
TCCAAAGGTT ATGACTTTGA AATTAAGTTT AATCCCCGAG GCTGGTGCAA CTTGCCTTGT 240
CAAATACAGG GCNCAAGNTT TATGTACCCC CTTAAGGAAC NCCCGAATGG AAA 293

Name: 49 Len: 632 Check: A95
GGCACAGAAT CAAAAGTTTC TGTGGGAATT TTAAATATAA AACTTGAAAT GTATCCACCA 60
CTCAATCAAA CGTTATCTCA AGAAGTAGTG AACACACAGC TTGCTTTGGA ACGTCAGAAA 120
ACTGCAGAGA AAGAGCGATT ATTTCTTGTA TATGCTAAGC AGTGGTGGAG AGAATATTTG 180
CAAATTCGAC CCTCACACAA CTCACGACTG GTTAAGATTT TTGCACAGGA TGAAAATGGG 240

107

```
ATAAATAGAC CAGTCTGTTC CTATGTTAAA CCACTTCGAG CTGGACGGCT TCTTGATACT  300
CCAAGGCAAG CAGCAAGATT TGTTAATGTC CTTGGTTATG AACGAGCCCC TGTTATTGGA  360
GGAGGAGGTA AACAGGAGCA GTGGTGCACT CTGCTGGCCT TTCTCTGTAG AAACAAGGGT  420
GACTGTGAAG ATCACGCTAA CCTTCTGTGC AGCCTTCTTC TTGGATATGG ATTAGAAGCC  480
TTTGTTTGTG TTGGGACCAA GGCAAAAGGA GTACCTCATG CATGGGTTAT GACTTGTGGA  540
ACTGATGGGG GCATCACTTT TGGGAGAGTT TANAGGACCC AGTACCTCCC TAAACCTACN  600
AATCCCGATG AACCTCCANT GCTGAACAGN CC                                632

Name: 5                    Len:   603  Check:     1CFB
AGGACGACCT CCACTTCATA NAAAACGAGT AGAAGATGAG AGTCTGGATA ACACATGGCT   60
AAACAGGACT GACACCATGA TTCAGACTCC TGGCCCCCTG CCAGCACCAC AACTCACATC  120
CACTGTACTG CGGGAGAACA GTCGGCCCAT GGGAGACCAG ATTCAAGAAC CTGAGTCTGA  180
ACATGGTTCT GAACCAGACT TTTTACACAA TCCTCAGATG CAGATCTCTT GGTTAGGCCA  240
GCCGAAGTTA GAAGACTTAA ATCGGAAGGA CAGAACAGGA ATGAACTACA TGAAAGTGAG  300
AACTGGAGTG AGGCATGCTG TTCGGGGTCT AATGGAGGNA GATGCTGAGC CCATCTTTGA  360
AGATGTGATG ATGTCATCCC GAAGCCAGTT AGAAGATATG AATGGAAGAA TTTGGAGGAC  420
ACCATGGGTT ATTGATCTGC CTCCCATCAA GAAATCGGCG AGANGAGAGC TGAGCTAAGG  480
CCCAGACTTC CTTTGACTCT GCCANTTATC CATNGGAGNT GGATTCANGG ATTTGGGAAT  540
GCCCTATGGT TCCTGAAGTN CTGGGAGGAA ATTTTCCAAA CCTNGGACCC CTATTAATTT  600
TGG                                                               603

Name: 50                   Len:   582  Check:      181
CCAAGCCATC CAAAATCCCC AAGCCCCCGA AGCCCCCTAA GCCCCCAAGG CCCCCCAAAA   60
CGCTGAAGCT CAAAGATGGA GGCAAGAAGA AAGGGAAGAA GTCCCGGGAG TCAGCCTCAC  120
CCACCATCCC CAACCTGGAC CTGCTCGAAG CCCACACCAA GGAGGCACTG ACCAAGATGG  180
AGCCGCCCAA GAAGGGCAAG GCCACAAAGA GTGTCCTGAG TGTGCCCAAC AAAGATGTGG  240
TTCACATGCA GAATGATGTG GAGAGGCTGG AAATTCGAGA GCAAACCAAG AGCAAGTCAG  300
AGGCCAAGTG GAAGTACAAG AACAGCAAAC CTGACTCCTT ACTGAAGATG GAAGAGGAGC  360
AGAAGCTAGA GAAGTCGCCT CTAGCTGGAA ACAAAGACAA TAAGTTCTCT TTTTCTTTCT  420
CCAACAAGAA ACTCCTCGGC TCCAAGGCTC TCAGGCCCCC GACGAGCCCT GGTGTGTTCG  480
GGGCCTTGCA GAACTTCAAG GAGGACAAGC CCAAGCTCGT GCGGGATGAG TATGAGTACG  540
TGTCGGATGA CGGTGAGCTT CAGATCGACG AGTTTCCCAT CC                     582

Name: 51                   Len:   523  Check:     1E87
GGTGAGCTGC GACGTGACTG GCTAGCTGCG TGGGTACTGG AACAAGCAAA CGAGGCAGCG   60
AGCGAAGGAC GGGAGCCGGA CCCTGGGCCC CGTGGAACTC CAGCCTGCGC CACCACGTCA  120
CGCACACGCT CGGCGCTGCG ATCCGCGCAT ATAACGATAT TTGGATTTGA CCTGCATTTT  180
GGAATTTATC TACACTTAAA ATGCCACCAG CAGTTGGAGG TCCAGTTGGA TACACCCCCC  240
CAGATGGAGG CTGGGGCTGG GCAGTGGTAA TTGGAGCTTT CATTTCCATC GGCTTCTCTT  300
ATGCATTTCC CAAATCAATT ACTGTCTTCT TCAAAGAGAT TGAAGGTATA TTCCATGCCA  360
CCACCAGCGA AGTGTCATGG AATATCCTCC ATAATGTTGG CTGTCATGTA TGGTGGAGGT  420
CCTATCAGCA GTATCCTGGT GAATAAATAT GGAAGTCGTA TAGTCATGAT TGTTGGTGGC  480
TGCTTGTCAG GCTGTGGCTT GAATTGCAGC TTCNTTCTGT AAN                    523

Name: 52                   Len:   348  Check:     1165
GCANGCGCAA NTACCGGCGC TCGCCAAGGA CCCTGGAAGC TACCGTTACC CCGCCGGCAG   60
CGTGGGCNCA TGAGCAGCTC GGGACTGAAT TCGGAGAAGG TAGCTGCTCT GATACAGAAA  120
CTGAATTCCG ACCCCCAGTT CGTACTTGCC CAGAATGTCG GGACCACCCA CGACCTGCTG  180
GACATCTGTC TGAAGCGGGC CACGGTGCAG CGCGCGCANA TGGTGTTCCA GCACGCCGTG  240
CCCCAGGAGG GAAAGCCAAT CACCAACCAG AAGAGCTCAG GGCGATGCTG GATCTTTTCT  300
TGTCTGAATG TTATGAGGCT TCCATTCATG AAAAAGTTAA ATATTGAA               348

Name: 53                   Len:   355  Check:     1808
GGCGGCGNCG GCGGCGTANT ANGNAGGGTG CACAGAGAAC ACCCCTAGCA TGAACAGTGT   60
GAGGATTCCA CCAGCTTTTT CACCATGAAG GAGACAGACC GGGAGCCGTT GCGACANAGG  120
TGCAAAGGGT TGCTGGGATG CTCCAGCGCC CGGACCAGCT GGACAAGGTG GAGCAGTATC  180
GCAGGAGAGA AGCGCGGAAG AAGGCCTCCG TGGACANGAA TTTGAAGAGA GCGGATCTGA  240
AAGCTCAGGT GCCCGATTCT GTCCTGTGGG TCAGCCGTCC TGGGGCCAAG TTGTGGTGCT  300
GGCTGAACAG CAGGAACTCC CCCGCCCCAA AGCCAGTTGA AGTTCCTGAC CGTTC       355

Name: 54                   Len:   330  Check:     2652
AACNATGCNG TTTTCTCCTT CTACACACTT GGGCGTCATG TCTGGAGCTG CAGAGGAGGT   60
GGCCACTGGA GCAGAGGTGG TGGATCTGCT GGTGGCCATG TGTAGGGCAG CTTTAGAGTC  120
CCCTAGAAAG AGCATCATCT TTGAGCCTTA TCCCTCTGTG GTGGACCCCA CTGATCCCAA  180
GACTCTGGCC TTTAACCCTA AGAAGAAGAA TTATGAAGCG GCTTCAGAAA GCTCTGGGAT  240
AGTGTGATGT CTATTCCGGG AGATGACCCA GGGCTCATAA TTTGGAAATC AAGAAACAGA  300
TGGACAAAGT TTGGATCCCC CTGGGCCCAT                                   330

Name: 55                   Len:   451  Check:     1D60
TCNGACAGAA AAGCTGTACG TTATATGTTG GAAATCTTTC TTTTTACACA ACTGAAGAAC   60
```

AAATCTATGA ACTCTTCAGC AAAAGTGGTG ACATAAAGAA AATCATTATG GGTCTGGATA 120
AAATGAAGAA AACAGCATGT GGATTCTGTT TTGTGGAATA TTACTCACGC GCAGATGCGG 180
AAAACGCCAT GCGGTACATA AATGGGACGC GTCTGGATGA CCGAATCATT CGCACAGACT 240
GGGACGCAGG CTTTAAGGAG GGCAGGCAAT ACGGCCGTGG NGAATCTGGG GGCCAGGTTC 300
CGGGATGAAG TATCCGGCAG GACTACCGAT GCTGGGAAGA GGAGGCTAAT GGGAAAACTG 360
GCACAGAACC AGTGAGTGGT TGAGAGCTCT GTCAGTGACA AACACTCCTT TGGCCTGTTT 420
GAATTTGCTG AAGAACATCA CCTAAAGTCG G 451

Name: 56 Len: 355 Check: 1FCB
GGATGTGGAG TGATGGGAAC GGTTCACATA CTGACTGTGG ATCTCAAGTA TACCATTGAA 60
AACCCAAGGC ACTTTGTGGA CTCACACCAC CAGAAGCCTG TTAATGCTAT CATCGAGCAT 120
GTGCGGGACG GCAGTGTGGT CAGGGCCCTG CTCCTCCCAG ATTACTACCT GGTTACAGTC 180
ATGCTGTCAG GCATCAAGTG CCCAACTTTT CGACGGGAAG CAGATGGCAG TGAAACTCCA 240
GAGCCTTTTG CTGCAGAAGC CAAATTTTTC ACTGAGTCGC GACTGCTTCA GAGAGATGTT 300
CAGATCATTC TGGAGAGCTG CCACAACCAG AACATTCTGG GTACCATCCT TCATC 355

Name: 57 Len: 468 Check: 291
TTGTTCTGGA TTCCCGTCGT AACTTAAAGG GAAATTTTCA CAATGTCCGG AGCCCTTGAT 60
GTCCTGCAAA TGAAGGAGGA GGATGTCCTT AAGTTCCTTG CAGCAGGAAC CCACTTAGGT 120
GGCACCAATC TTGACTTCCA GATGGAACAG TACATCTATA AAAGGAAAAG TGATGGCATC 180
TATATCATAA ATCTCAAGAG GACCTGGGAG AAGCTTCTGC TGGCAGCTCG TGCAATTGTT 240
GCCATTGAAA ACCCTGCTGA TGTCAGTGTT ATATCCTCCA GGAATACTGG CCAGAGGGCT 300
GTGCTGAAGT TTGCTGCTGC CACTGGAGCC ACTCCAATTG CTGGCCGCTT CACTCCTGGA 360
ACCTTCACTA ACCAGATCCA GGCAGCCTTC CGGGAGCCAC GGCTTCTTGT GGTTACTGAC 420
CCAGGGCTGA CCACAGCTCT CAAGGGGCAT CTTATGTTAC CTACCTAC 468

Name: 58 Len: 394 Check: E20
ACAGTGTGCC TTCAGCCCGA GGACTCGGAC TCGGCTCAGA CTCCGGTTCT TTGTTTCCTG 60
GAAGGTGGCA CGGGGACTCA GGCGGCCAGG GTCGAGGGCC AGGTCCAAGG TCACAGAGCT 120
TTGGAGGTCA CCTGTAGGCG GTCGCAGGGA CGGCGTTGAG ACAGGAACTC CTTGGGTGGA 180
CAATGAGCAG GGTGGGAGAC AGGGGCCTGG GATGGGGGAC TCCAGAGGTC AGGGTGTCCT 240
GGGTTGGAGG GGAGGGGACT CACGGCTCCC AAGCAGGTTC TTAGAACGTT TGTCAATGTA 300
AAGGCAGATG TTGGACTGTA CCAGGGTCTG CTCAGAGACC ACCTGCTCCC GACACTCAAA 360
CGCAGACCTG GGGATCTCGG CAGGTATGAA CTGC 394

Name: 59 Len: 296 Check: 10B1
GCCAGGCGTA CTGACAGGTG GACCAGCGGA CTGGTGGAGA TGGCGACGCT CTCTCTGACC 60
GTGAATTCAG GAGACCCTCC GCTAGGAGCT TTGCTGGCAG TAGAACACGT GAAAGACGAT 120
GTCAGCATTT CCGTTGAAGA AGGGAAAGAG AATATTCTTC ATGTTTCTGA AAATGTGATA 180
TTCACAGATG TGAATTCTAT ACTTCGCTAC TTGGCTAGAG TTGCAACTAC AGCTGGGGTA 240
TATGGCTCTA ATCTGATGGA CCATACTTTA GATTGATCAC TTGGTTGGTA GGTTTA 296

Name: 6 Len: 573 Check: EDF
GCGACNCGCC GAGCCTCGTC AGCCTGCGCA GCCCCTCACA GGAGGCCCAG CCCGAGTGCA 60
GTCCAGAAGC CCCCCCAGCG GAGGCGNCAG AGTAAAAGAG CAAGCTTTTG TGAGATAATC 120
GAAGAACTTT TCTCCCCCGT TTGTTTGTTG GAGTGGTGCC AGGTACTGGT TTTGGAGAAC 180
TTGTCTACAA CCAGGGATTG ATTTTAAAGA TGTCTTTTTT TATTTTACTT TTTTTTAAGC 240
ACCAAATTTT GTTGTTTTTT TTTTTTCTCC CCTCCCCACA GATCCCATCT CAAATCATTC 300
TGTTAACCAC CATTCCAACA GGTCGAGGAG AGCTTAAACA CCTTCTTCCT CTGCCTTGTT 360
TCTCTTTTAT TTTTTATTTT TTCGCATCAG TATTAATGTT TTTTGCATAC TTTGCATCTT 420
TATTCAAAAG TGTAAACTTT CTTTGGTCNA ATCTATGGGA CATGGCCCAT ATATGGAAGG 480
AGATGGGGTG GGGTCAAAAA GGGGATATCA AATGAAAGTG GATAGGGGGC CACAATGGGG 540
GAAATTGAAG TGGGGGNATA ACATGGCCAA AAT 573

Name: 60 Len: 426 Check: BE0
CGGGACTCCC GGGAAGTGGA CCGGCAGAAG AGGGGGCTAG CTAGCTAGTC TGTGCGGACC 60
AGGGAGACCC CCGCGCCCCC CCGGTGTGAG GCGGCCTCAC AGGGCCGGGT GGGCTGGCGA 120
GCGACGCGCG CGCAGGAGGC TGTGAGGAGT GTGTGGAACA GGACCCGGGA CAGAGGAACC 180
ATGGCTCCGC AGAACCTGAG CACCTTTTGC CTGTTGCTGC TATACCTCAT CGGGGCGGTG 240
ATTGCCGGAC GAGATTTCTA TAAGATCTTA GGGGTGCCTC GAAGTGCCTC TATAAAGGAT 300
ATTAAAAAGG CCTATAGGAA ACTAGCCCTG CAGCTTCATC CCGACCGGAA CCCTGATGAT 360
CCACAAGCCC AGGAGAAATT CCAGGATCTG GGTGCTGCTT ATGAGGTTCT GTCAGATAGT 420
GAGAAC 426

Name: 61 Len: 461 Check: 1AA2
CGCTTCCTGT ACAAGGGCGA GGGGCTGAAC AAGATCAGCC ATCGGGGACT ACCTGGGGGA 60
GAGGGAAGAA CTGAACCTGG CAGTGCTCCA TGCTTTTGTG GATCTGCATG AGTTCACCGA 120
CCTCAATCTG GTGCAGGCCC TCAGGCAGTT TCTATGGAGC TTTCGCCTAC CCGGAGAGGC 180
CCAGAAAATT GACCGGATGA TGGAGGCCTT CGCCCAGCGA TACTGCCTGT GCAACCCTGG 240
GGTTTTCCAG TCCACAGACA CGTGCTATGT GCTGTCCTTC GCCGTCATCA TGCTCAACAC 300

109

CAGTCTCCAC AATCCCAATG TCCGGGACAA GCCGGGCCTG GAGCGCTTTG TGGCCATGAA 360
CCGGGGCATC AACGAGGGCG GGGACCTGCC TGAGGAGCTG CTCAGGAACC TGTACGACAG 420
CATCCGAAAT GAGCCCTTCA AGATTCCTGA GGATGACGGG A 461

Name: 62 Len: 422 Check: 21C3
ATCAACAAGG AGATGCTAAA GGTTGGAAAG CAGAAAGCCT TGGTCAAGGA TACAGAGCTG 60
GACTTGCATG GGTATTAGGA GATGCTGAAG AACTGCCCTT TGATGATGAC AAGTTTGATA 120
TTTACACCAT TGCCTTTGGG ATCCGGAATG TCACACACAT TGATCAGGCA CTCCAGGAAG 180
CTCATCGGGT GCTGAAACCA GGAGGACGGT TTCTCTGTCT GGAATTTAGC CAAGTGAACA 240
ATCCCCTCAT ATCCAGGCTT TATGATCTAT ATAGCTTCCA GGTCATCCCT GTCCTGGGAG 300
AGGTCATCGC TGGAGACTGG AAGCCTATCA GTACCTTGTA GAGAGTATCC GAAGTTTCCG 360
TCTCAGGAAG AGTTCAAGGA CATGATAGAA GATGCAGGCT TTCACAAGGT GACTTACGAA 420
AG 422

Name: 63 Len: 280 Check: C60
AGAAGTAGAG CAGAAGAAGA AGCGGACCTT CCGCAAGTTC ACCTACCGCG GCGTGGACCT 60
CGACCAGCTG CTGGACATGT CCTACGAGCA GCTGATGCAG CTGTACAGTG CGCGCCAGGC 120
GGCGGCTGAA CCGGGGCCTG CGGCGGAAGC AGCACTCCCT GCTGAAGCGC CTGCGCAAGG 180
CCAAGAAGGA GGCGCCGCCC ATGGAGAAGC CGGAAGTGGT GAAGACGCAC CTTCGGGACA 240
TGATCATCCT ACCCGAGATG GTGGGCAGCA TGGTGGGCGT 280

Name: 64 Len: 408 Check: A6C
CTGGGAGATG AAACAGAGGA AGAAGAAACA AAGCCCATTG AGCTCCCTGT CAAAGAGGAA 60
GAACCCCCTG AAAAAACTGT TGATGTGGCA GCAGAGAAGA AAGTGGTGAA AATTACATCT 120
GAAATACCAC AGACTGAGAG AATGCAGAAG AGGGCTGAAC GATTCANTGT ACCTNTGAGC 180
TTGGAGAGTA AGAAAGCTGC TCGGGCAGCT AGGTTTGGGA TTTCTTCAGT TCCAACAAAA 240
GGTCTGTCAT CTGATAACAA ACCTATGGTT AACTTGGGAT AAGCTGAAGG AAAGAGCTCC 300
AAAGATTTGG TTTGAATGTC TCTTCAATCT CCAGAAAGTC TTGAAGATGA TGAGGAAACT 360
GAAAAAGAGG GAAGGAGCGA TTTGGGGATT GTCACAAGTT CAGCTGGA 408

Name: 65 Len: 463 Check: 10CC
AGCCGCTGGG GCGAGGACGG CGCGAGGCTG CTGCTGCTGC CCCCGGCCCG CGCGGCTGGA 60
AACGGAGAGG CCGAGCCAAG CGGCGGCCCC TCTTATGCTG GGAGGATGCT GGAGAGTAGC 120
GGCTGCAAAG GCTGAAGGAG GGCGTGCTGG AGAAGCGCAG ACNGGGTTGT TGCAGCTCTG 180
GAAGAAAAAG TGTTGCATCC TCACCGAGGA AGGGCTGCTG CTTATCCCGC CCAAGCAGCT 240
GCAACACCAG CAGCAGCAGC AACAGCAGCA GCAGCAGCAG CAACAACAGC CCGGGCAGGG 300
GCCGGCCGAG CCGTCCCAAC CCAGTGGCCC CGCTGTCGCC AGCCTCGAGC CGCCGGTCAA 360
GCTCAAGGAA CTGCACTTCT CCAACATGAA GACCGTGGAC TGTGTGGAGC GCAAGGGCAA 420
GTACATGTAC TTCACTGTGG TGATGGCAGA GGGCAAGGAG ATC 463

Name: 66 Len: 512 Check: 111A
CGCGCCAAGG GACGTGTTTC TGCGCTCGCG TGGTCATGGA GGCGCTGCCG CTGCTAGCCG 60
CGACAACTCC GGACCACGGC CGCCACCGAA GCTGCTTCTG CTGCCGCTAC TGCTGTTCCT 120
GCTGCCGGCT GGAGCTGTGC AGGGCTGGGA GACAGAGGAG AGGCCCCGGA CTCGCGAAGA 180
GGAGTGCCAC TTCTACGCGG GTGGACAAGT GTACCCGGGA GAGGCATCCC GGGTATCGGT 240
CGCCGACCAC TCCCTGCACC TAAGCAAAGC GAAGATTTCC AAGCCAGCGC CCTACTGGGA 300
AGGAACAGCT GTGATCGATG GAGAATTTAA GGAGCTGAAG TTAACTGATT ATCGTGGGAA 360
ATACTTGGTT TTCTTCTTCT ACCCACTTGA TTTCACATTT GTGTGTCCAA CTGAAATTAT 420
CGCTTTTGGC GACAGACTTG AAGAATTCAG ATCTATAAAT ACTGAAGTGG TAGCATGCTC 480
TGTTGATTCA CAGTTTACCC ATTTGGCTGG GA 512

Name: 67 Len: 367 Check: 9A2
GGAGAGCAAC ATTAGGATCT ACAGCGAGAG GCCCCCTCCT GGCTGAGCAA AGATGACATC 60
CGAAGAATGC GACTCTTGGC GGACAGCGCA GTGGNCAGGG CTCCGGCCTG TGTCCTCTAG 120
GAGCGGAGCC GTTTGCTGGT GCTGGAGGGG GGCGCACCTG GCGCTGTGCT CCGCTGTGGC 180
CCTAGCCCCT GTGGGCTTCT CAAGCAGCCC TTGGACATGA GTGAGGTGTT TGCCTTCCAC 240
CTAGACAGGA TCCTGGGGCT CAACAGGACC CTGCCGTCTG TGAGCAGGAA AGCAGAGTTC 300
ATCCAAGATG GCCGNCCATG CCCCATCATT CTTTGGGATG CATCTTTATC TTCAGCAAGT 360
AATGACA 367

Name: 68 Len: 402 Check: 19DD
TGCAGATGTA GATCCTGAAA ACCAGAACTT TTTACTTGAA TCGAATTTGG GGAAGAAGAA 60
GTATGAAACA GAATTTCATC CAGGTACTAC TTCCTTTGGA ATGTCAGTAT TTAATCTGAG 120
CAATGCGATT GTGGGCAGTG GAATCCTTGG GCTTTCTTAT GCCATGGCTA ATACTGGAAT 180
TGCTCTTTTT ATAATTCTCT TGACATTTGT GTCAATATTT TCCCTGTATT CTGTTCATCT 240
CCTTTTGAAG ACTGCCAATG AAGGAGGGTC TTTATTATAT GAACAATTGG GATATAAGGC 300
ATTTGGATTA GTTGGAAAGC TTGCAGCATC TGGATCAATT ACAATGCAGA ACATTGGAGC 360
TATGTCAAGC TACCTCTTCA TAGTGAAATA TGAGTTGCCT TT 402

Name: 69 Len: 545 Check: 240C
GCGGCGTGCG GCACGTNNCA GGGCTGAAGC GGCGGCGGCG GTGGGGNCTG CACGTAGCCC 60

410

GGCGCTCGGC ATGGCTCTCC TGGTGCTCGG TCTGGTGAGC TGTACCTTCT TTCTGGCAGT 120
GAATGGTCTG TATTCCTCTA GTGATGATGT GATCGAATTA ACTCCATCAA ATTTCAACCG 180
AGAAGTTATT CAGAGTGATA GTTTGTGGCT TGTAGAATTC TATGCTCCAT GGTGTGGTCA 240
CTGTCAAAGA TTAACACCAG AATGGAAGAA AGCAGCAACT GCATTAAAAG ATGTTGTCAA 300
AGTTGGTGCA GTTGATGCAG ATAAGCATCA TTCCCTAGGA GGTCAGTATG GTGTTCAGGG 360
ATTTCCTACC ATTAAGATTT TTGGATCCAA CAAAAACAGA CCAGAAGATT ACCAAGGTGG 420
CAGAACTGGT GAAGCCATTG TAGATGCTGC GCTGAGTGCT CTGCGCCANT CGTGAAGGAT 480
CGCTCGGGGG ACGAAGCGGA GGATACAGTT CTGGAAAACA AGGCAGAAGT GATAGTTCAA 540
GTAAG 545

Name: 7 Len: 487 Check: 1EF0
TAAGGGTTTC TCTACTATGT CCACTTGGTA AAATGCGGCT GACAATTCCG TGTCGGGCCC 60
TTACATGTTC TCATCTACAA TGTTTTGACG CAACTCTTTA CATTCAGATG AATGAGAAAA 120
AACCAACCTG GGTTTGTCCT GTCTGTGATA AGAAGGCTCC ATATGAACAC CTTATTATTG 180
ATGGCTTGTT TATGGAAATC CTAAAGTACT GTACAGACTG TGATGAAATA CAATTTAAGG 240
AGGATGGCAC TTGGGCACCG ATGAGATCAA AAAAGGAAGT ACAGGAAGTT TCTGCCTCTT 300
ACAATGGAGT CGATGGATGC TTGAGCTCCA CATTGGAGCA TCAGGTAGCG TCTCACCACC 360
AGTCCTCAAA TAAAAACAAG AAAGTAGAAG TGATTGACCT AACCATAGAC AGTTCATCTG 420
ATGAAGAGGA AGAAGAGCCA TCTGCCAAGA GGACCTGTCC TTCCCTATCT CCCACATCNA 480
CCACTAG 487

Name: 70 Len: 359 Check: 19B0
GCCTACTGCA CCGCCGACCA CAACGTGAGC CCCAACATCT TCGCCTGGGT CTACAGGGAG 60
ATCAATGATG ACCTGTCCTA CCAGATGGAC TGCCACGCCG TGNAGTGCGA GAGCAAGCTC 120
GAGGCCAAGA AACTGGCCCA CGCCATGATG GAGGCCTTCA GGAAGACTTT CCACAGTATG 180
AAGAGCGACG GGCGGATCCA CAGCAACAGC TCCTCCGAAG AGGTTTCCCA GGAATTGGAA 240
TCCGATGATG GCTGAATGAA CTTTNAGACG CTTNAGCAAA GGCAGCATTG GTCACGGGGT 300
TCAAGGGAAT TAGATTGAGT AAGCAACGTT TCAAATTTGG GATGAAAGAT TTCCAAATT 359

Name: 71 Len: 392 Check: 1BC4
CTATGTNGCA ATTCCAAGAC CAAGTCAGTA GTATTACAGC TGGCTGATGG CCAGATATTT 60
AAGTACCTTT GGGAGTCACC TTCTCTGGCT ATTAAACCAT GGATGAACTC TGGTGGATTT 120
CCTGTTCGGT TTCCTTATCC ATGCACCCAG ACCGAATTGG CCATGATTGG AGAAGAGGAA 180
TGTNTCCTTG GTCTGACTGA CAGGTGTCGC TTTTTCATCA ATGACATTGA GGTTGCGTCA 240
AATATCACGT CATTTGCAGT ATATGATGAG TTTTTATTGT TGACAACCCA TTCCCATACC 300
TGCCANTGTT TTTGCCTGAG GGATGCTTCA TTTAAAACAT TACAGGCCGG CCTGAGCAGC 360
AATTCATGTG TCCCATGGGG AAGTTTCTGC GG 392

Name: 72 Len: 344 Check: 65D
GAGTTCACAG ACCGCACTTT GGCACGTTGT CCTCACTGCA GGAAAGTGTC ATCTATTGGG 60
CGCAGATACC CACGTAAGAN ATGTATCTNC TGCTTCTTGC TTGGCTTGCT TTTGGCAGTC 120
ACTGCCACTG GCCTTGNCTT TGGCACATGG AAGCATGCAC GGCGATATGG AGGCATCTAT 180
GCAGCCTGGG CATTTNTCAT CCTGTTGGCT GTGCTGTGTT TGGGCCGGGC TCTTTATTGG 240
GCCTGTATGA AGGTCAGCCA CCCTGTCCAG AACTTCTCCT GAGCCTGATG ACCCACAGAC 300
TGTGCCTGGN CCCTCCCTGG TGGGGACAGT GACACTACGA AGGG 344

Name: 73 Len: 311 Check: 1E74
GTGGGATGGG GTGCCCTTCA TCCTGCGCTG CGGCAAGGCC CTGAACGAGC GCAAGGCCGA 60
GGTGAGGCTG CAGTTCCATG ATGTGGCCGG CGACATCTTC CACCAGCAGT GCAAGCGCAA 120
CGAGCTGGTN ATCCGCGTGC AGCCCAACGA GGCCGTGTAC ACCAAGATGA TGACCAAGAA 180
GCCGGGCATG TTCTTCAACC CCGAGGAGTC GGAGCTGGAC CTGACCTACG GCAACAGATA 240
CAAGAACGTG AAGCTCCCTG ACGCCTATGA GCGCCTCATC CTGGACGTCT TCTGCGGGAC 300
CAGATGCACT T 311

Name: 74 Len: 176 Check: 1B5C
CTGTTCCTTG GAAATGTTTG ATGCTACTCT GAAAGATCGA GAACTGAGCT TTCAGTCGGC 60
TCCAGGTACT ACCATGTTTC TGCATTGGCT AGTGGGAATG GTATATGTNT TCTACTTTGC 120
CTCCTTCATT CTACTACTGA GAGAGGTACT TNGACCTGGT GTCCTGTGGT TTCTAA 176

Name: 75 Len: 276 Check: 120F
CCAAGATTGG TTCCAGCGCC AGTACCTGTC AACTCCAGAT AGTCAGTCTC TGCGCTGTGA 60
CCTCATTCGC TACATCTGTG GGGTAGTCCA NCCTTCTAAT GAAGTACTGA GTTCAGATAT 120
CTTGCCCCGG TGGGCCATCA TTGGTTGGCT CCTGACAACG TGCACGTCAA ATGTCGCTGC 180
CTCCAATGCC AAGCTGGCTT TGTTTTATGA CTGGCTGTTC TTTAGTCCAG ACAAGGATAG 240
CATTATGAAC ATAGAACCAG CCATCCTGGT CATGCA 276

Name: 76 Len: 310 Check: 21A5
ACACCCTCCT GTGCAATGGG TATTGGCTTG CCTGGCTGAT TCATGTGGGA GAGTCCTTGT 60
ATGCCATAGT ATTGTGCAAG CATAAAGGCA TCACAAGTGG TCGGGCTCAG CTACTCTGGT 120
TCCTACAGAC TTTCTTCTTT GGGATAGCGT CTCTCACCAT CTTGATTGCT TACAAACGGA 180
AGCGCCAAAA ACAAACTTGA AGTTGTCTGA AAGCTTGCTC TACACTTTTA CATTCATCCT 240

111

CACCCTTTTT TTTGTGGGGT AGAGGAGGTT GCAGTANTTT ACTCAGTGAT CTTTCTACTT 300
TCTAGAAACT 310

Name: 77 Len: 295 Check: 102E
CCTCACTGCT ATGGGCCGCA ACAAGAAGAA GAAGCGAGAT GGTGACGACC GGCGGCCGAG 60
GCTCGTTCTT AGCTTCGACG AGGAGAAGAG GCGGGAGTAC CTGACAGGCT TCCACAAGCG 120
GAAGGTCGAG CGAAAGAAGG CAGCCATTGA GGAGATTAAG CAGCGGCTGA AAGAGGAGCA 180
GAGGAAGCTT CGGGAGGAGC GCCACCAGGA ATACTTGAAG ATGCTGGCAG AGAGAGAAGA 240
GGCTCTNGAG GAGGCAGATG AGCTGGACCG GTTGGTGACA GCAAAGACGG AGTCG 295

Name: 78 Len: 406 Check: 233D
CAAAAAGCTG GTNGCCTCCA GACCCGACTT TTTCAACCAG GAGCACCAGA CACGGGATGT 60
GGACTGTGTC CTCACAACAG GAGAAGTTTT CAGGTTGCTG GNGGNAGAGG GGGCTCGGGG 120
GGCTACCTGG AGCACGTGTT CCGGCACGCG GCCCGAGAGC TCTTTGGAAT CCATGTGGCT 180
GAGGTTACCT ACAAACCCCT GAGGAACAAA GACTTCCAGG AGGTGACACT NGAGAAGGAG 240
GGCCAGGTGC TGCTGCACTT CGCAATGGCG TACGGCTTCC GCAACATCCA GAACCTGGTG 300
CAGAGGCTCA AACGAGGGCG CTGCCCCTAC CACTACGTGN AGGTCATGGC CTGCCCCTCA 360
GGCTGCCTGA ACGGCGGGGG GCCAGCTCCA GGTCCCAGAC AAGGCC 406

Name: 79 Len: 288 Check: 18D6
AAGAAGGAGA GGAAGGAGAA GAGACGGCAG AGGANGGGGG AAGAGTGCAG CCTGCCTGGC 60
CTCACTTGCT TCACGCATGA CAACAACCAC TGGCAGACAG CCCCGTTNTG GAACCTGGGA 120
TCTTTCTGTG CTTGCACGAG TTCTAACAAT AACACCTACT GGTGTTTGCN TACAGTTAAT 180
GAGACGCATA ATTTNNTTTT CTGTGAGTTT GCTACTGGCT TTTTGGAGTA TTNNGATATG 240
AATACAGATC CTTATCAGCT CACAAATACA GTGCACACGG TTAGAACG 288

Name: 8 Len: 168 Check: E5E
CAAATTTGTG TTGTATATAT TCGTATTCCA TGTGTTAGAT GGAAGCATTT CCTATCCAGT 60
GTGAATAAAA AGAACAGTTG TAGTAAATTA TTATAAAGCC GATGATATTT CATGGCAGGT 120
TATTCTACCA AGCTGTGCTT GTTGGTNTTT TCCCATGACT GTAATGCT 168

Name: 80 Len: 322 Check: 1995
AAACAGCAGC TGGTGGTTAA CAAGTGGATC GTCATGTTCA GTAGTTTATA CATTATGTGA 60
GAAGTAACGT TCTGATTCTT TTTCTTACAC AGAATTGGCA GAGGGGGTCG ATTTGGGAGG 120
AAAGGTGTGG CTATAAACTT TGTTACTGAA GAAGACAAGA GGATTCTTCG TGACATTGAG 180
ACTTTCTACA ATACTACAGT GGAGGAGATG CCCATGAATG TGGCTGACCT TATTTAATTC 240
CTGGGATGAG AGTTTTGGAT GCAGTGCTCG CTGTTGCTGA ATAGGCGATC ACAACGTGCA 300
TTGTGCTTCT TTCTTTTGGG GA 322

Name: 81 Len: 361 Check: 2C4
ATTCTCTAAA ATGCTTAATG CCTTTGAAAT TTTGTAATCA AAAAAAAGCT TTGAAAAAAT 60
CTAAAGGGGA GAGTATTCTT TAAAGTTTTT AACATAAGCT TGTCAATGCA CATGTAGATG 120
GTTAGCATGT TTAGCAAACC TTGTGAAATT ATAATAAGTT TGTAGTTACA TGTGAAACTC 180
TAAATGCATG GCAACTGTTA ATGTCATAAC AGTTTAGTTA TTTTGTTCTG TTCTGTCATG 240
TGCCACAAAA TATGTACTTT TTTCACTTTT TTCCCTTTGT ATATCAGTTA CGGGTTACAA 300
CTGGTTCATT CTGAAAACAA CAACAACAAA AGTCCATTCA TATTTTTTAA CCATTGTATA 360
G 361

Name: 82 Len: 206 Check: 7A3
TTTTTTTTTT TAGTAGTTGC AACTTCAGCA CATCTTTATT AGAACTCTTT CATTGTGGGT 60
AAACAGCCAC AAAAATAAAT GCTGACTTAG AAAGTATAAA CGCAAATATT TAAACAAAAA 120
TGTTTGCAGC ATTCATAGCG CAAATTGTAC CTGAACTGGA AAGCCGAATT CTGCAGATAT 180
CCATCACACT GGCGGCCGCT CGAGCA 206

Name: 83 Len: 563 Check: 815
CATCAGCTCT CTTCGTTGCT GTGGGAACAC TGGCCAGAGG TGTACCACTG CGAGGCGACT 60
GTTTATACAT GAAAGCATCC ATGATGAGGT TGTAAACAGA CTTAAAAAGG CCTATGCACA 120
GATCCGAGTT GGGAACCCAT GGGACCCTAA TGTTCTCTAT GGGCCACTCC ACACCAAGCA 180
GGCAGTGAGC ATGTTTCTTG GAGCAGTGGA AGAAGCAAAG AAAGAAGGTG GCACAGTGGT 240
CTATGGGGGC AAGGTTATGG ATCGCCCTGG AAATTATGTA GAACCGACAA TTGTGACAGG 300
TCTTGGCCAC GATGCGTCCA TTGCACACAC AGAGACTTTT GCTCCGATTC TCTATGTCTT 360
TAAATTCAAG AATGAAGAAG AGGTCTTTGC ATGGAATAAT GAAGTAAAAC AGGGACTTTC 420
AAGTAGCATC TTTACCAAAG ATCTGGGCAG AATCTTTCGC TGGCTTGGAC CTAAAGGATC 480
AGACTGTGGC ATTGTAAATG TCAACATTCC AACAAGTGGG GCTGAGATTG GAGGTGCCTT 540
TGGAGGAGAA AAGCACACTG GTG 563

Name: 84 Len: 450 Check: 97B
ATTTGGTGTG TTCATGAACA CGCTAAATGG CTTGGTAAAT GGGTGTGGTT CAAAGCCTGA 60
TGCTTCAAGA TCTCTGGTTT GAATTTGGTC ACAACCAGGA AGTATTGCCC CTTTTTCTGT 120
CTGGGTCCTC AATAGGAACT TTTCATACCA GCCATAAACA ATCCAGATGG CTGCCACGTG 180
GTCCTTACCA GTGAGAGGCG TCACACAGCA CACACTGCAT GAATGGGGAT GAAATCATTC 240
CTGAATTAAT ATAGGGTTAT ATTACTTGGA CCTCAGCCAT TTGAGCCTCA GTGTCTGCAT 300

CATATGTGTT TAGTATATGG ACATCTAACT GAAATTATTA ACGTGGCAAT TTATGCGTGC 360
CTTTTTTGGA AATATTCTAT TTTAATGGAA AGAATTATGT AGAAATACTG GATACATTTT 420
TAAAAACATC CATAATTCAC CATCTTGACA 450

Name: 85 Len: 320 Check: 75F
CCATTAGTGT TCACACTCAG ACATTTTTGC CCAGCTCTAA GGTAACTTCA TCTATAGCTG 60
CTCAGACTGA TGCATTTATG GACACCTGTT TCCAGTCAGG TGGGGTCTCC AGAGAAACTC 120
AAACCAGTGG GATAGAAAGT CCAACGGATG ACCATGTACA GATGGACCAA GCTGGAATGT 180
GCGGAGACAT TTTTGAGAGT GTTCATTCAT CATATAATGT TGCTACAGGT AACATTATAA 240
GCAACAGTTT AGTAGCAGAG ACAGTAACTC ATAGTTTGTT ACCTCAGAAT GAGCCTAAGA 300
CTTTAAATCA AGATATTGAG 320

Name: 86 Len: 524 Check: 1602
AATTCGGCAC AGGGTGGGTC TTTGAGTTTC AGTGAGTTTG CTGAAATGTC GAAGAAGTAG 60
TTCCAAACTT CAATGTTCAA TGAAATTTTT GTTCAAGTTT GAAATGGAGA GAGCAGCTAT 120
AAAAGGTACT AAGCCTTTTA CAAATTGGTG AGTACTGGCA CATGAGATCT AGAGCAGGAG 180
CAACTTCTCA CACATAGTAA GTGGGAAAAG AAAGTGCTTT GAAAGTTCCT CCCTCACCTA 240
CACAGTAGTC GTCATGTCGA GACCTGCCAG AGAGAGACAC ATTCTCAAGT GAATCCTGGC 300
TTCTTGGAAG CGCTTGCCTA GACGAGACAC AGTGCATAAA AACAACTTTT GGGGGACAGG 360
TATGTTTTCT TGCAGCTGCG GTTGTAAGGT CTTGGCAAGA CAAGCAGTGT GGCCAGAATT 420
TTGAACTTCT GATGAATGTG TAATGCAAAG GACCTTGTAC ATTTTTTTGT TTCAAGGTCC 480
TCAAAATGAG CACATGAAGA GGTTGCTGTG AAACTTTAAG TGGC 524

Name: 87 Len: 439 Check: 2297
CTCTGGGCCC CTCTCTTGGG TCTGTGCTGC AGTCTGGCCG CTGCTGATCG CCACACCGTC 60
TTCTGGAACA GTTCAAATCC CAAGTTCCGG AATGAGGACT ACACCATACA TGTGCAGCTG 120
AATGACTACG TGGACATCAT CTGTCCGCAC TATGAAGATC ACTCTGTGGC AGACGCTGCC 180
ATGGAGCAGT ACATACTGTA CCTGGTGGAG CATGAGGAGT ACCAGCTGTG CCAGCCCCAG 240
TCCAAGGACC AAGTCCGCTG GCAGTGCAAC CGGCCCAGTG CCAAGCATGG CCCGGAGAAG 300
CTGTCTGAGA AGTTCCAGCG CTTCACACCT TTCACCCTGG GCAAGGAGTT CAAAGAAGGA 360
CACAGCTACT ACTACATCTC CAAACCCATC CACCAGCATG AAGACCGCTG CTTGAGGTTG 420
AAGGTAACTG TCAGTGGCA 439

Name: 88 Len: 376 Check: 233
TGAATTGAAG GAGCTGCAAA AAACCTTTGA AATCTCCATT GGGAGAAAAG ATGAGGTGAT 60
TTCTAGCTTG TCTCATGCCA TAGGAAGCAA AAGGAAAAGA TAGAGTTGAT GAGAACATTC 120
TTCCACTGGC GAATCGGCCA TGTCAGAGCC AGACAGGATG TTTATGAAGG TAAACTAGCT 180
GACCAGTACT ACCAGAGAAC TTTACTGAAG AAAGTCTGGA AAGTCTGGCG TTCCGTAGTG 240
CAAAAGCAGT GGAAAGATGT GGTAGAAAGA GCTTGTCAAG CAAGAGCTGA AGAAGTTTGT 300
ATCCAGATTT CCAATGATTA TGAAGCCAAA GTTGCTATGT TATCTGGAGC TTTGGAAAAT 360
GCAAAAGCTG AGATTC 376

Name: 89 Len: 341 Check: 7BF
GTGAGAACAG GTCCTACGAG GGCACTCTGT ACAAGAAGGG GGCCTTCATG AAGCCTTGGA 60
AGGCCCGCTG GTTCGTGCTG GACAAGACCA AGCACCAGCT GCGCTACTAC GACCACCGTG 120
TGGACACAGA GTGCAAGGGT GTCATCGACT TGGCGGAGGT GGAGGCTGTG GCACCTGGCA 180
CGCCCACTAT GGGTGCCCCT AAGACTGTGG ACGAGAAGGC CTTCTTTGAC GTGAAGACAA 240
CGCGTCGCTT TACAACTTCT GTGCCCAGGA CGTGCCCTCG GCCCAGCAGT GGGTGGACCG 300
GATCCAGAGC TGCCTGTCGG ACGCCTGAGC CTCCCAGCCC T 341

Name: 9 Len: 219 Check: 327
AGAGAGTGGT TCAAAGTAGA AGATGCTATC AAAGTTCTCC AGTGTCATAA ACCTGTACAT 60
GCAGAGTATC TGGAAAAGCT AAAGCTGGGT TGTTCCCCAG CCAATGGAAA TTCTACAGTC 120
CCTTCCCTTC CGGATAATAA TGCCTTGTTT GTAACCGCTG CACAGACCTC TGGGTTGCCA 180
TCTAGTGTAA GATAGAGAGA ACTGGGTAGG CCTCTCCCA 219

Name: 90 Len: 394 Check: B4E
CTTGGCGTTA CCAGTTATTA CCCAAGATGG AGATTGGACC AGTATCATCT TCAAGATTTG 60
GTCACTATTA TGATGCATCA AAAAGAATGC CACAAGAACT AATTGAGGCT TCAAATTGGC 120
ATGGATTTTT TCTTCCAGAG AAAATATCTT CAACTCTCAA AGTAGAACCC TGTTCTTTGA 180
CCCCTGGCTA CACAAAGCTG CTTCAGTTTA TCCAGAACAT CATTTATGAG GAAGGATTTG 240
ATGGATCCAA TCCTCAGAAA AAACAGAGAA ACATTTTAAG AATAGGAATT CAGAATCTTG 300
GCTCACCTTT ATGGGGAGAC GATATTTGCT GTGAGAAAAT GGTGGCAACA GTCACAGCCT 360
TACCAAGTTC CTCTATGTTC TCCGTGGTCT TCTG 394

Name: 91 Len: 153 Check: 1C06
ACCCATGGGA TGAGTGTTTT ATTCATGCTG TTTCCAGGAA GGGATGTCAA AGCTGGACCA 60
GTCGAAACCC TTGGAGGCTT TTTTTGCAGT TGGCCACAGG GGTGTTGGAG GCCTGCTTAT 120
GGGTCCTCGA TGTCGAGAAA CTCCTGCTTG GGG 153

Name: 92 Len: 479 Check: 1FC7
CATTGGGCCT CTAGATGCAT GCTCGAGCGG CCGCCAGTGT GATGGATATC TGCAGAATTC 60

113

GGCTTAGCGT GGTCGCGGCC GAGGTACATT CTTGTAGAAC CGGGTTCGTT TTTCCAGTTT 120
TGTAGAAAAA TAGATGTTCC AGCCACCATT TACTTAACTG TCTAATATTT AAGACCAATC 180
AATATGTTCC CTGGAAAGAT GAAAAAGTCT CATGACTAAC TCGTTTTTTT AAAAATTCTT 240
TAAAACAAAA AGTGTGTGTG TGTGTGTGTG TGTGTTTACT CTCAAAGCAC AGCATTTCCA 300
CAGCAGCAGC CAACATGGGG TTTAGTAGCT TCACTCACCC CTAACTAAAG CTTTGAATAA 360
ACCAGTGATT TACTACAAAA AACACTGTCC TTGAAAGAAA NGACNGCAGT CATACATGAA 420
CGTGAAACTT GGAATGATCA GGTCCTAAAC ATGGCACTTA AAAAGTTACT TATCAAAAC 479

Name: 93 Len: 560 Check: 25DE
TTTTTTTTGC CAGTGCCAGG ATAAAAAGCA AAATTTTAAA TTGGAAAATG TCTAGCACTT 60
TACACAGTGG AATGAAAGAA TACGAAATTC AAAAACATTA TTAAAAGTCC ATATGCCGCA 120
GCAGCACGCG CCATGATGAG AGCTCCCCTT CCGAGGCGCT TCTGGAGCAG CTTCCTCAAC 180
CTGTCCGGGA GACGGGCTCA GAAGAGCAGG GCCCCCATGC TGCCAACCTC GCTTTGCTCC 240
TTAACGAAGA TCTCAAAGTA CTGGTAGATG ATTGTGACTG CGAGCAGGAT CCCGGTTCCA 300
GACCCAATGG CGCCTAGGAA GTCAGCCAGG ACCGAGAGGG CCCCGATGCA CAGCCCACCA 360
AAGGCCGCGG CTGTGGGGAT GTACCGGTTG AGTTCATGGA CCATGGAGGT CTCTCGGTGG 420
CCTCTCATCA CCATCTGCTG CTCCTTCAGC TGCTTTGCAA CATCTTTGGC AGAGGAACCT 480
GAGACCTCAA TCCACGTTTT GGAGAAGAAT GCACAGGAGC CCAGCATGAA CACTATGTAT 540
ACAACTGCAT GGAACGGGTC 560

Name: 94 Len: 396 Check: 376
GACCTCTTAC CTTACTGATG CTGGCAAATA ACAAATACAG ATGGTAATAG ACTCTGGAAT 60
AGTTCCTCAT TTGGTTCCTC TGCTCAGCCA CCAGGAAGTT AAAGTTCAGA CTGCTGCACT 120
TAGAGCTGTG GGCAACATTG TTACTGGAAC TGATGGGCAA ACACAAGTAG TTTTGAACTG 180
TGATGCTCTT TCACACTTCC CAGCACTCCT GACACATCCC AAAGAGAAAA TTAATAAAGA 240
AGCAGTGTGG TTCCTCTCCA ACATCACTGC AGGAAATCAG CAGCAGGTAC AGGCAGTAAT 300
TGATGCCAAT CTTGTACCAA TGATAATACA CCTTTTGGAT AAGGGGGATT TTGGCCCAAG 360
CAGCTTCTTT TTGAGTGCCA AGTCGACGCG GCCGGA 396

Name: 95 Len: 622 Check: 9F8
ATGGAGAGTC ACTTAATAAT AAATTTTCTC TATAGTAGGT AAATCCGATG AAAGGCAGCT 60
GATTTCCAAC AAAAGCTTTA GGAATTGGGA AGGTTTCTAC ATCTCCTTTG TCATCTTCAA 120
TGTCATCGAA ATTGCTGCTG TCTATGTCAC TGCTGAGTTC AGGTACTACA GGAGCTGCCG 180
TTTCTCTTAT GTTATCCCAA TGCCACTGAT CATTCTTAAA GAAAGGATGC TGTCTGATTT 240
CTTCCACCCC ATTTCTCCCA AGTCGTACCT CCCTATCTGT TAAGAAAGCA CAGATGAGAT 300
TCTTTGCATG TTTGGAAATT TCTGCATCTT CAGGGAAACA CAGTGAATTC TTATGATCCA 360
TAATTTTGCT ATATGTTCCT ACAAGTGAAT CCGCATAAAA TGGAGTATCC CCCACTAGCA 420
TCTCATAAAG GAAAACACCT ACAGACCACC AATCACATTC TCGCCCATAG AAACCATCAC 480
CCCCTTGTGA TTTCAGAACC TCAGGTGATA TATAATCCGG TGTTCCAACT GCTGTATCAC 540
AATGTACCAT GCCTGTTTCA TCCATCTTCA TACAGGTGCC AAAATCTGCT AATTTTAGAT 600
GGTCATGTTT ATCACAGAGC AT 622

Name: 96 Len: 445 Check: 123B
GGAAGGGATG GAAAAAAGGA AAAGCAATAG AAACTGTCCA ATTCACATCA GTTATCCGTC 60
TGCTTTTTCT TGAGAGCTTG TGGAAGGTGT TAACGTGGCT GGGAACATCA ACACCTTGGC 120
ATGCATGAAT GTTAAGTCAG GAAGGCCAGC GATCACCTTG ATAGCTTCTT CACTTAGGTG 180
CTCTTCTCTT TTCGGTTTCC TGGTAGATGT GCTTGTCTTC TCTACTGTAG ACATGAGTCT 240
TGCAAATGCA TCAGTCACTT TGAGGCTTGA GGTGGAGATT TCCAGCTTAG AAGTTGTTAA 300
CTCATACAAC TCCGGATCCA CACCATCTAA AGGGTTAGTA AGGCCACTGC TACTCCAGTC 360
AAACTGGACG GGTGGTAGAG ACTCCTGGAA CTGATCAGAT GTACATGTGT TCATATCTGG 420
TGACATGGTG GCTGTCTGAC CGATG 445

Name: 97 Len: 541 Check: 147A
CTTCTTTCTC TTTATCCTGG AGCCCCTTTC TCTCAGGTAC TAGCGTAGAG GGTTAACCCA 60
CAGATCATTC TTGATAATCT CAGCAATCCT GTCAGCCTCT GGGAGGTATG GTTTGAGAAC 120
CAGCTGAAAA AGCTGTGGCT CGCATCCTGG TTCCCGTGAC GACGGCCTGG GGTTCCTGGC 180
CCCGGTGCCA GCGGATTGGG GTTGAGTGAG ACACCAGCCG GCCTGAGCGG TTGCGCTGGA 240
ACTCCTTGAC AATCACCATG TTTGTGAAGT AGGGGTTAGT CTGGAAGTAC AGCTTCATTT 300
TGTAGCCCAT GGAGATATGT CTGAGATCCT GTACCTGCAG AATGGGTCAA GTAGCGGAAA 360
AATGTCTTCA TCACGTCGGT TGATCAAAAT TGGAATTCTG GGGTGGTTTA GGAACTGATG 420
AGTGGAGTGC TTTGACCCAG AAGCCTGGGA TATGCCGGAT GATGAGGTCT CTGCGCTCCA 480
GGAAGGGTCT TCGCATCTGG ATGAACTTGC GCTTGAGACG CATGAAGGCT TTGCTGCCTT 540
G 541

Name: 98 Len: 384 Check: 4C9
ATTTGGACCG GCATGCAGGC AACTTCTTTT GTTGTTACAT ACCTGTATTA GGAAAATTAC 60
ACCCATTTTA CAGAAAAATC CCAAAACATA TACTGCAATA AGCTCAAAAC AATGTGAAAA 120
AGACCAGTGT GAATGGCACA CAAAAATCGC CTCTTTATAA ATTAACTGGA ATTCATGATC 180
ATGAAGTAGG CACAGGGAAA TCCAGTCCTC AGGGCTTTGC TCTCTGGAAG AACACCTTTA 240

114

AGTAATTTTT AAAAACTTTA GCATCAGGCT GCTGAAGCGC TTGACAAAAC TCCTGAATTA 300
TTTCTGGAGC TACTTGCAAG GAGGGCAGGT ATTCTTGTTG AAGATACTGA ACACATTCTG 360
GGCCCCGTTT GAGATGAATT GTTT 384

Name: 99 Len: 535 Check: 1D3F

TTTTAATTTA CAAAAGGTAG GCTCCGTTTA TTAGAGTCAC ACACAACTGA CTATCTCAGT 60
GTGACTCAAG ACCACAAAAA ACCCATTTCT CCTTCACTTC TGAGTCCTGG GGTTAATACC 120
TAGACCAGCA AGTGTACTGC TTGGGGTCCA TTCACAGGTT TACAAGTTTT TCATTGAGTG 180
CAATCTGTGA CTGTGTGAGG TTGGCCAGGT AGGTCACCAT CAAAAGGTCA TTGATGTTGC 240
TGTTGAGCAT GGTCTCAAAG TCATCGGGAA CTATTTTCGG TACTTGGTTA ACCAGGCTCA 300
TCAGGAAGCG GCCCACAGTA TTGTCAGCTG ACACCTTTCC AGACAGTACA TCCTCTGCAT 360
ATTGCAACAC TGTACTCAGG GCATCCTGGA TGCGAGCTGA TGCCCCTCCT ACTTGCTGCA 420
AGTCACTTGA GAGTCCAATC ACTCTGTTGG GGCTAAAGCA GGTCTTCATG ATCAGGTCAA 480
CTCCGATGCG TTCAGTGTCG TAGTACGCGT ATTTCACTGT CAGAGGGGTG AACAT 535

115

Name: 1 Len: 459 Check: 2459
NAAGCCCTTC ATCGATTTAT AGAGCTTTTC AGAGTGATGG TTTCTCGAGC AGAAATTGAC 60
ATGTTGGATA TCCGGGCACA CTTCAAGAGA CTCTATGGAA AGTCTCTGTA CTCGTTCATC120
AAGGGTGACA CATCTGGAGA CTACAGGAAA GTACTGCTTG TTCTCTGTGG AGGAGATGAT180
TAAAATAAAA ATCCCAGAAG GACAGGAGGA TTCTCAACAC TTTGAATTTT TTTAACTTCA240
TTTTTCTACA CTGCTATTAT CATTATCTCA GAATGCTTAT TTCCAATTAA AACGCCTACA300
GCTGCCTCCT AGGAATATAG ACTGTCTGTA TTATTATTCA CCTATNATTA GGTCCATTAT360
GGATGCTTTA AAGCTGTACT TGGCATTTCC AAAGCNTATA AGGTTATAAT GGGAGGTTTT420
NAAAGTAGGA NTTAAATATG TATTCCCTGT TTTTTAAAA 459

Name: 10 Len: 227 Check: 147B
TTTAAGTGTG TTGCCTGTGA GTGTGACCTC GGAGGCTCTT CCTCAGGAGC TGAAGTCAGG 60
ATNAGAAACC ACCAACTGTA CTGCAACGAC TGCTATCTCA GATTCAAATC TGGACGGCCA120
ACCGCCATGT GATGTAAGCC TCCATACGAA AGCACTGTTG CAGATAGAAG AAGAGGTGGT180
TGCTGCTCAT GTAGATCNAT AAATATGTGT NGTATGTCTT TTTNGCT 227

Name: 100 Len: 452 Check: 17BA
TGTATCTTTG ATGAGGTTAG TTTTGGTATT ACAGCAAATT TTTTTTCTTC TGACAAATCT 60
GTGCTGTGTT TATATTAACT AAATCTTTAA AAATACGAAT CCTGAGCTAG AGTAAAAACA120
ACAATTTTGA CTAAAGAATA AATCCCTTCA TTGTTAAACC TAAACAGCTT TAAAATTCAG180
CCATGGAACA TAAGATAAGA CTGGAATTCA AACTTCTGAT GTCCATGGCA AACCTGAATA240
CTCTCAGCAG AAATAAAACA CACATAGTAG ATAATACACA ATAGTAAAAA GCATCAGAAA300
TTGATGCACC TGGATTTTGT TAAATACAAC AAAGGTCACT CAGTCCTTCA TGGATAAACC360
TAGCTGGGAG AATAGCACTG AACAGTGTAT TGCATTGAGC AGAAATCCCT CAGAAAGGCA420
ACACTGGATT CATTTTTAGA CAGGCATAGA CT 452

Name: 101 Len: 447 Check: E33
TTTTTCAATC CTGATAGTTC TTTATTTTTT CAAAATATAT TTGCCATGGG ATGCTAATTT 60
GCAATAGGTG TCATAATGAG AATAACCCAA ACTGGATAAA TGTGACAAAT GATTGACAAA120
GCATTTCACA CCCTTCAATT ACACCACATC AAGAATGAGG GGAAAGCGTT GTAAAAGTAG180
ACTACTGCAA TGCTACTTAT ATTCTTGCAA TAAAACCAGC AAGCATCCAT ATCAAGAGAG240
TTATCATCTC ACTTCCAACT TTTTCCCCTC AAGAACAATT TGAATCTCTT TGGCATCCAA300
AGTCTCATAG GTCAATAAAG CTTCTGCGAG ATTCTTATGC TCCTTTGCAT GAGTTTTCAA360
GATATGTTTT GCTCGTTCAT ATGAGTCACT TAGAAGGATT CTTATTTCAT GTTCGATGGC420
AGATTGGGTT TCTGGACTTA GGTTTCC 447

Name: 102 Len: 368 Check: 1FEC
TTTTTTTCAA AAAAAGAAAT CTTTTAATAA AAATTACTCA TAAAAATCCT AATAAATTTT 60
AAAGAGCAAG ATATTCCTTA TTACATTTAT AAAAGAACAT TTGGTCCTTT TACAAAAAGA120
TCCCTTTTAA TTTAAATACA TTTCTTATTT ACAGATTAAA CATAAAATAT CATCTACAGT180
TGCAAAGCAT ATTGCACATT ACAGAGAAGC ATTTGTGTAT TTCCGTAAGT TTTCCCAGAG240
TTTCCAACTC TATACTTTTT TTTGTAAAAA GATTTACCTT TCTTATGCAA AATAAATAAA300
AATGCAGCTT GTGTTTTGCT ATTTAAAACT AAAACAAAAT AACCTTTAAA AATATTATTC360
CTCTGCCT 368

Name: 103 Len: 685 Check: 1890
TGGGATCTTT TTTTATTTTT ATACACATGA CAAGATTTTA CACCAATAGT CAGTTAAATA 60
GTACAAATTT ACATTCAGGA GGAATGTTAA AAAAAATTCA ACTAAAAAAA CCACTTCTTC120
CTGTGACCCA TAATCCCAAC ATTTTACAGT GCAGGGGAGA AGGAGGCTTG GGGAAGCATC180
CAAAACAAGT CTCTCAAAAG AAATGACTTC AAAACTTCAC ATTCCCTCTC CACACGGGAT240
TCATAGCGAG AGTATAATTT ACAATTCATC CTTCTCTGTA GATTCCTTTT CTGTTTCCTC300
CTCTTCTTCT TCTGTCCCTG CATCCATCTC TTCTCCCTCA TCCTGCTCTG AGTCTTCTGC360
GTCTTCTGAG GTGTCTTCAA GGCTCTTCTT CTGGTTCTTC CTCCAACTGT GCTTCAGGGG420
CAAAGGTTAA ACTGAGGCGA AGATTCTTTC CAATCGAACT CCATACGCCT TGGTGTCCGG480
TAGAAGATAA CCTGACCCAA GTGTTGACGG TTTCAAACAA AACTACAGCA AGAACCATGA540
CTGTCCTGGC AACTTCAACG TCCTTAAATC GGCGGAAAAT GTCTCCGAAC AGGGGGGGGT600
CTGGAATGAG TTCGAACGTT TTCCTTAGAC CGGCATAGTA ATTTGTAGAG AAAGTCCTTG660
CCGGCCGGTA AGGCTGTGGC TTCAA 685

Name: 104 Len: 676 Check: EF6
GCTCATTTTT AATTTTTATT GATTTTTTAA TGCTGCACAA CACAATATTT ATTTCATTTT 60
GAATTTCATT TATTTCTTTA TTTCTGTTGC TGCTTTTATT TTATTTACTG AAAGTGAGAG120
GGAACTTTTG TGGCCTTTTT TTTCTTTTTC TTCTGTAGGC CGCCTTAAGC TTACTAAATT180
TGGAACATCT AAGCAAGCTG AAGGGAAGAG GGGTTTTTCA GAATCACTGG GGGAAAAAGG240
AAAGGTTGCG GTGTTGATCA TGCCCTATGG TGGGTGACCA ACTGCTTGTA CAATTACGTT300
TCACTCTTAA TTAATTGTGC TTAAGGCTGA ATTAAATTTG GGTGTTCCCT TCTTAGAGCA360
GCTCGTATTG GCGGAGATGC ATGCGCTGGA TGATGTCACG GCAGTCGTTG AAGACACGGC420
GGATGTTCTC AGTGTCCACG GCGCAGGTAA AGTGAGGGTA GCAGTAGTGG CGCCATCTCC480
ACTAGCAGTG CTGATTCTCA GAAACTCATC CCGAATGAAN GTACTTGGCC GGGTCACGCG540

116

TGGGTCCTCT CCCGGCTCGG GAGTCGCATC CCTACAGAGT GTGTAGCGAG CGAACTCTGG600
AAAGTAGTCC TCAATCTCGA TTTGCCACCG GGACTTCTCA GCAGCAGGTC TTGCTTGTGT660
AGAAGAGATC ACAAGA 676

Name: 105 Len: 367 Check: 135E
GACGGGAACT GAACGCGGTT CTGGGAGCAG CAAGCCCACG GGTAGCAGCC GAGGCCCCAG 60
AATGGCCAAG TTTCTTTCCC AAGACCAAAT TAATGAGTAC AAGGAATGCT TCTCCCTGTA120
TGACAAGCAG CAGAGGGGGA AGATAAAAGC CACCGACCTC ATGGTGGCCA TGAGGTGCCT180
GGGGGCAGCC CGACGCCAGG GGAGGTGCAG CGGCACTGCA GACCCACGGG ATAGACGGAA240
ATGGAGAGCT GGATTTCTCC ACTTTTCTGA CCATTATGCA CATGCAAATA AAACAAGAAG300
ACCCAAAGAA AGAAATTCTT CTAGCCATGT TGATGGTGGA CAAGGAGAAG AAAGGTTACG360
TCATGGC 367

Name: 106 Len: 440 Check: 188A
GGTGTGCCTG GATGAGTGGT AGCGTCGGAA ATGAGGAGCA GAGCGCAAA TTTTGCCCAG 60
CGCTCTGTAC CATGGAGAAG TTTGCTTCCT ACTGCCTCAC TGAACCAGGA AGTGGGAGTG120
ATGCTGCCTC TCTTCTGACC TCCGCTAAGA AACAGGGAGA TCATTACATC CTCAATGGCT180
CCAAGGCCTT CATCAGTGGT GCTGGTGAGT CAGACATCTA TGTGGTCATG TGCCGAACAG240
GAGGACCAGG CCCCAAGGCA TGCTCATGCA TAGTTGTTGA GAAGGGGACC CCTGGCCTCA300
GCTTTGGCAA GAAGGAGAAA AAGGTGGGGT GGAACTCCCA GCCAACACGA GCTGTGATCT360
TCGAAGACTG TGCTGTCCCT GTGGCCAACA GAATTGGGAG CGAGGGGCAG GGCTTCCTCA420
TTGCCGTGAG AGGACTGAAC 440

Name: 107 Len: 442 Check: 19D2
GCACACCTGT AGTCCTAGCT ACTCAGGAGG CTGAGGTATG AGAATCGCTT GAACTTGGGA 60
GCCGGAGTTA CAGTGAGCCA AGATTGCGCC ACTGCACTCC AGCCTGGGCG ACAGAGCGAG120
ACCCTGTCTC AAAAAAAAAA AAAAAGATGA TGTAAACTTC ACAGGGCAAG GTCTTGTTGT180
TTGCTCACCT CTGGGTTATG CTCATAAAAC AAGCTTTTGC CCATGTACCC TAAGTCAGAC240
CCAAGAATGG TGTCTACCAA TGATTGTCTC TTGCCACTTA CCGTACGCAT ACAGAAAGTG300
CGTGTGGTAA TCGGCATACA CAAAGAAGTC GTCCCCTTTC TTGTGGTCCA GCACGGAATG360
GCTGTTCTGG AAGTAATTTA ACACACTCAA AATGGTNGCG TTCGTGTTAT ACGGTGAAAG420
AGGGGCCAAG CAGATGTCTT GA 442

Name: 108 Len: 453 Check: 6FD
GAGACTGCAT AGGGCTCGGC GTGGGGGGTA TTCTACTATT TTGTCAGTGC CCTGGGCATA 60
ACAGCAGGAG CTCATCGTCT GTGGAGCCAC CGCTCTTACA AAGCTCGGCT GCCCCTACGG120
CTCTTTCTGA TCATTGCCAA CACAATGGCA TTCCAGAATG ATGTCTATGA ATGGGCTCGT180
GACCACCGTG CCCACCACAA GTTTTCAGAA ACACATGCTG ATCCTCATAA TTCCCGACGT240
GGCTTTTTCT TCTCTCACGT GGGTTGGCTG CTTGTGCGCA AACACCCAGC TGTCAAAGAG300
AAGGGGAGTA CGCTAGACTT GTCTGACCTA GAAGCTGAGA AACTGGTGAT GTTCCAGAGG360
AGGTACTACA AACCTGGCTT GCTGATGATG TGCTTCATCC TGCCCACGCT TGTGCCCTGG420
TATTTCTGGG GTGAAACTTT TCAAAACAGT GTG 453

Name: 109 Len: 421 Check: 1318
TTTTTTTTGT GCAGAAACAT TCTGAACTAC AAAGCGGCCT ATTTTTGCTT CTGGATATGG 60
AACTCCTTGG GGATCAGAAT AGAAAGCTTC TAGCTCAAAA GGCCCCCTTC TCAGAAAGGT120
GAGAACTTTG GAGAAAGGAG CAGCATGGTT TCGACTAAAG ACTTCATGAA CACCTTCAGT180
ATCTTCTGAA TCATGGTTCC AGATCAGAGA TATTGGAAAA GGAACTGCAT CTGTGACGGA240
AAATTCTCTA ACTTTAAATG CCGGGGAAAG TATTGCACAC TGTAATGCAC ATCCTCTGGC300
TACTGCTTCA TCTGCATTGA GTGTTGTGCT AATATCTTTT CCAAAGAATT TGGCAATTCT360
TTCCTTCACA GCTGGAATTC GTGTAGCGCC TCCATCAATC TCTACTGCAC TCACATCTTC420
T 421

Name: 11 Len: 621 Check: 23BA
CAGGGAAAAA ATATGTTCGA TNCCCCTGGT AACTGTCTCC TTATCTGCAA ANTGACATCC 60
CAACGGATTG CATGCCCTCG GCCTACTGCA AAAGAATCAT CAACCTGGGG CCTGTGCATC120
CCGGACCTCT GAGTCCAGAA CCCCAACCCA TGGGTGTCAG GGTTATCTGT GGACATTGCA180
AGAATACTTT TCTGTGGACA GAGTTCACAG ACCGCACTTT GGCACGTTGT CCTCACTGCA240
GGAAAGTGTC ATCTATTGGG CGCAGATACC CACGTAAGAG ATGTATCTGC TGCTTCTTGC300
TTGGCTTGCT TTTGGCAGTC ACTGCCACTG GCCTTGCCTT TGNACATGGA AGCATGCACG360
GCGATATGGA GGCATCTATG CAGCCTGGGC ATTTGTCATC CTGTTGGCTG TGCTGTGTTT420
GGGCCGGGCT CTTTAATTGG GCCTGTATGA AGGTCCAGCC AACCTGGTCC AGAAATTCTC480
CTGAAGCCTG ATGACCCACA GANCGGTGCC TTGGCCCCTC CCTGGTNGGG ANCAGTTACA540
CTACGAAGGA AGCTGGGGTA GTTAAAGGGT CCGGGGCTTN TAAGAAGAAG CCAAGCAACT600
TGCTTCCTTT CCCTGGGGAA A 621

Name: 110 Len: 309 Check: 1332
ATAAGAATGC CTGCTAGCAA GGGTTCCAGC AAGGTGGTTG GTTGGTCTGT AAGTCAGTCT 60
TGAGTACTTG AAACAGTTCT GTGTTTGTTT TTTTTCCTTA GCGTTTAGAA TAGCCATCAT120
TGTCCTGCAA TAGGCAGAGC TATCACGTCC AGGAAAAATG AGGGAGGGAA CCACAGAGGC180

117

AGCGTGAGAT CCAAATACAG CATTCAAAGG TAATTGGTCC AGTGGTGCCT GGGGAGGGAG240
GAAGGGTGAT ACTCCAGGGT TAGCCGTCTT CTTTTGGGGG TGTGTACAGC CGTTTTTTTC300
GTGGATCTG 309

Name: 111 Len: 489 Check: 9C2
CTACTACTAC TAAATTCGCG GCCGCGTCGA CGAAGAAGCA GGTATTTATT TTAATAAAGG 60
AATGGTTGGT ATTCTAGTTA ATCAAGTAAT TCTTTTATTA GCAAGGCAGA AACTAGTGTT120
TTTCTATAAA CTTGAATGTT AATTGTACAG GTGTATTTTA CAATTTTTGT TTAATTAAAA180
AAATGTTACT ATATTAATAA TCAACCTGGT CAAAACCTTT CAGGTTTCTT CGTTTGAGTC240
AGTCGCCTTG ATTCAGAATG TCACGAGCCT TATGATATCA TGCTGAGGCG CCTTGCAAAT300
CCGACAATTA AGATCCTCCT AGACCTTGAG GTGATCAGCA TAAGAGGCCA GATCCCCTCG360
AGTCATCTAC ACCTAGCTTC ACCTTATTCT TTAAAGGGCA GAAAATTTGA GACGGTGATC420
GCCGTAACAG TAAATTTGGC TTACAATTGG GGCACCCCTC CGGTTTAGAA AGAGGAACAC480
CAGATTGAC 489

Name: 112 Len: 563 Check: 1430
GGACTCAGAA TTGATGAGAG ACATTTACAG CATGCACATT TTCCTTACTG AAAGGAAACT 60
CACTGTTGGA GATGTGTATA AGCTGTTGCT ACGATACTAC AATGAAGAAT GCAGAAACTG120
TTCCACCCCT GGACCAGACA TCAAGCTTTA TCCATTCATA TACCATGCTG TCGAGTCCTG180
TGCAGAGACC GCTGACCATT CAGGGCAAAG GACAGGGACC TGAGGAGCCG AGCGAATAGC240
ATCTCCTCCC ACCTCCCACC AGAGACGTCC TGTTTGAGCT GTCAGGTGTA ATATATGAAT300
TGACTTAAGT TAATATAAAT GTGTACATAA TCCACATTTG TAGTCAAGGA CGCAATCTCT360
TCCACACATG TGCAGTTGTC AGTTGGTACA TCTAAACTCC CTCCATCCTG ACTCACGTGG420
ACTTAGATAT GTTTTGTTTC TATTTTCTTC TATGTCAGTT TTTCATTCTT TGATGTTTAT480
GTCTTTTGTC CATCAGATCT CTTGTGATAT CACATGGAAG GTTGTGCTCA GCCTGTCGGG540
TCTCTTTCTT CCTGCACATA TAT 563

Name: 113 Len: 587 Check: 2109
TTTAGCCCTG TGGAATTATC CTCAATTGCA CATCAGCTGG ATGAGGAGGA GAGGATGAGA 60
ATGGCAGAAG GAGGAGTTAC TAGTGAAGAT TATCGCACGT TTTTACAGCA GCCTTCTGGA120
AATATGGATG ACAGTGGTTT TTTCTCTATT CAGGTTATAA GCAATGCCTT GAAAGTTTGG180
GGTTTAGAAC TAATCCTGTT CAACAGTCCA GAGTATCAGA GGCTCAGGAT CGATCCTATA240
AATGAAAGAT CATTTATATG CAATTATAAG GAACACTGGT TTACAGTTAG AAAATTAGGA300
AAACAGTGGT TTAACTTGAA TTCTCTCTTG ACGGGTCCAG AATTAATATC AGATACATAT360
CTTGCACTTT TCTTGGCTCA ATTACAACAG GAAGGTTATT CTATATTTGT CGTTAAGGGT420
GATCTGCCAG ATTGCGACGT GACCAACTCC TGCAGATGAT TAGGGTCAAC AGATGCATCG480
ACCAAAACTT ATTGGAGAAG AATTAGCACA ACTAAAAGAG CAAAGAGTCC ATAAGACAGA540
CCTGGAACGA GTGTTAGAAG CACATGATGG CTCAGGAATG TTAGACG 587

Name: 114 Len: 222 Check: 12B6
TTTTGAATCA AAATTAACAT CAATATATAG ATTCTAGTAT ATTCTTCTTA AAGCCTTTAG 60
AAAAGATAAA ATGACATTTT GCAACATATG CCAAACTTCA TGTTTAGTGT ACACTTCTAA120
TTATTGGCAT AGAGGGATAT AACTGTTAAA TAACCTGAAA TGACACCATG CAATGGTGAA180
ACTACAGAAG TTGGTGAAAA GAAGTATTTA CATAATGTAA TA 222

Name: 115 Len: 512 Check: 1EAB
TTTTTCTTGA TATGCATAGC TTTTCGGGGT TGGTATTAGA CATGGCTTTC GTAAATAATG 60
CAGGTGTTTT TGTCATGTGT CACTGCTGGC TCTGTGGCTT CCAGGTAAGC TGGCGGCAGT120
ACCTTATCTG GTACCTCAAC AGGTGTTGGC TCTTCAGATG TTAGCTCGGT GGACGTGACA180
TCGGTAGAAG GTTCTGCAGT TTCGGGGGAA TGTTCCGCCG ACAGTTCTGT CTCCTCTACA240
TCTTTGACTT CAAACTGTCC ACCCTCTTGG TCATCTGCAT GCTCTTTTTT GGACTGCGGG300
TGAACTGACA CCTTGATGGC AATTTGCTGA GGTTGCTCGT GCAGCGATGA GGCGTCCGAG360
TCAGCGGCAG GGGAGTCGCT CCGCTTCAGA GAGTTGGGGA TTGTGTAGAC CTCATCCCTG420
TCTGCGGCCT CCTGGCCTCT GGAGTATGCC TCAAAAATTC TGCCCCGGTC CTCCAGCCCA480
ACCACCTCAT AATCTCCTCC ATGATAGTCC CG 512

Name: 116 Len: 566 Check: A72
TTTTTTTTTT GTTTTTTAAC CCCCCCCGAG AAGCTCTGTC CCCAGCTGAT GCCCATGTTG 60
GAAGAGGCTT TGCGGAGAGG AGCCCATACC AGCGCAAAGC TGANCTCCTG GTGCTGGCCG120
TGCTGTCTGA CGGAGCTGGC GACCACATCA GGCAGAGACT GCTGCCCCCA CTGCTGCAGA180
TTGTGTGCAA GGGCCTGGAG GACCCCTCGC AAGTTGTACG CAATGCTGCG CTGTTTGCCC240
TGGGCCAGTT CTCAGAAAAC CTACAGCCCC ATATCAGCAG CTATTCAAGG GAGGTAATGC300
CACTGCTCCT CGCCTACTTG AAGTCGGTGC CTCTTGGACA CACACACCAC CTAGCCAAGG360
CCTGCTATGC CCTGGAGAAT TTTGTGGAGA ACCTAGGGCC CAAGGTGCAG CCCTACCTTC420
CGGAGCTTAT GGAATGCATG CTGCAGCTTC TGAGGAACCC CAGCAGTCCC CGGGCCAAGG480
AGCTGGCTGT GAGCGCCCTG GGAGCCATTG CTACGGCTGC CCAGGCCTCG CTGCTGCCCT540
ACTTCCCTGC CATCATGGAG CACCTG 566

Name: 117 Len: 549 Check: 1602
CCCTGTGCAA TGTTTAGCTC TCACCCCACT CCCAAGTGCC ATAATTGAAA TAATACTGGT 60

118

TTGGAGAATT AGTACAGATT GGTCATAAAT GCCGCATAAA GTCCGTAGAT CCAGGTAAAG120
GTATTTCCAA ATGGCGTAGT AATGCACTGC AGCTGCCGTG GCCACAAACA GGTGCCAGAT180
GGCGTGGGCA AATGGAATGA TGCCATCACT CTTGAAGAAC ACAACTCCCA AGCAATAAAT240
TAAGCCCCCA CAGGCAAGTT CCTGAAGTCC ATCGGTGTTG TTCATTGATG TCACCACCAA300
GGCTGGAGAG AATCCCATTG TGAGATAGAA AAAGAGTTCA ACCACCTTAT ATTTTTCATG360
GTAGAGAAAT ACATAAATGG TTCCTCCAGC TGCCATGAGC CAGATAAACC AACGCATATG420
AGATGCCAGG GGTCCAAGTT CACGAAGATT TAACCATGGA GCATAAGAAG CAGCAATGAA480
GAAATAGATA ACCATTCTAT CACACATGTG AAAACAATGC TCCACTGTCC TTAAGTGGCT540
CTTTTTCCA 549

Name: 118 Len: 416 Check: 71A
CCGGGGCACA TAAATAGTAT GGCTTAGAAG AAGGCGTGGG TACAGATGTG CAGGAATGCT 60
AGGTGTGGTT GGTTGATGCC GATTGTAACT ATTATGAGTC CTAGTTGACT TGAAGCGGAG120
AAGGCTACGA TTTTTTTTGA TGTCATTTTG TGTAAGGGCG CAGACTGCTG CGAACAGAGT180
GGTGATAGCG CCTAAGCATA GTGTTAGAGT TTGGATTAGT GGGCTATTTT CTGCTAGGGG240
GTGGAAGCGG ATGAGTAAGA AGATTCCTGC TACAACTATA GTGCTTGAGT GGAGTAGGGC300
TGAGACTGGG GTGGGGCCTT CTATGGCTGA GGGGAGTCAG GGGTGGAGAC CTAATTGGGC360
TGATTTTACT GCTGCTGCTA GGAAGAAGCC CAATAAGTGG GTGAGGCTTG GTTTAG 416

Name: 119 Len: 405 Check: 23A0
CGGGCCTTTA CCTGCGACGA CCTGTTCCGC TTCAACAACA TTAACTTGGA TCCACTTACA 60
GAAACTTATG GGATTCCTTT CTACCTACAA TACCTCGCCC ACTGGCCAGA GTATTTCATT120
GTTGCAGAGG CACCTGGTGG AGAATTAATG GGTTATATTA TGGGTAAAGC AGAAGGCTCA180
GTAGCTAGGG AAGAATGGCA CGGGCACGTC ACAGCTCTGT CTGTTGCCCC AGAATTTCGA240
CGCCTTGGTT TGGCTGCTAA ACTTATGGAG TTACTAGAGG AGATTTCAGA AAGAAAGGGT300
GGATTTTTTG TGGATCTCTT TGTAAGAGTA TCTAACCAAG TTGCAGTTAA CATGTACAAG360
CAGTTGGGCT ACAGTGTATA TAGGACGGTC ATAGAGTACT ATTCG 405

Name: 12 Len: 409 Check: 8AB
CAGACGCTGC CCAAGGCTTT GTGGGCTGCG CACTCAGCTC CACCATCCAG CGCTTCTACA 60
AGAACGAGGG AGGTACATGG TCAGTGGAGA AGGTGATCCA GGTGCCCCCC AAGAAAGTGA120
AGGGCTGGCT GCTGCCGAAA TGCCAGGCCT GATCACCGAC ATCCTGCTCT CCCTGGACGA180
CCGCTTCCTC TACTTCAGCA ACTGGCTGCA TGGGGACCTG AGGCAGTATG ACATCTCTGA240
CCCACAGAGA CCCCGCCTCA CAGGACAGCT CTTCCTCGGA GGCAGCATTG TTAAGGGAGG300
CNCTGTGCAA GTGCTGAGGA CGAGGAACTA AAGTCCCAGC CAGAGCCCCT AGTGGTCAAG360
GGAAAACGGG TGGNTGGAGG CCTCAGATGA TCCAGTCAGC CTGGATGGG 409

Name: 120 Len: 318 Check: 266B
CGGACGCAAG TACATCCAGA CAGACAGCGG CCCCTACTGT GTGCCCTGCT ATGACAATAC 60
CTTTGCCAAC ACCTGTGCTG AGTGCCAGCA GCTTATCGGG CATGACTCGA GGGAGCTGTT120
CTATGAAGAC CGCCATTTCC ACGAGGGCTG CTTCCGCTGC TGCCGCTGCC AGCGCTCACT180
AGCCGATGAA CCCTTCACCT GCCAGGACAG TGAGCTGCTC TGCAATGACT GCTACTGCAG240
TGCGTTTTCC TCGCAGTGCT CCGCTTGTGG GGAGACTGTC ATGCCTGGGT CCCGGAAAGC300
TGGAAATATG GAGGGCCA 318

Name: 121 Len: 460 Check: 2526
TTTAATCTAA GAATTTCTTT ATTTTATGCA TAATAAAAGG GACTACAAAG AACAGCTGAA 60
AAGCCAGAAG ACAAAGGAAC AAAAATAAAC AATGACGTGT ATTCCAACCC AAACAATGAG120
AAATCTATGC AACTAGACTA TCAGTTCAAT CTATTTCCAG GTCGCTATCC TCACTGTGAC180
ACGTGGCAGA GTTACGCACA GATGTCAGCA CCAAGACTTC CTTTTCTGGG AGTAATCCAA240
ATTCCTGGAG AAAAGCTTCA AGGTCCACAG CAAAGAAATC ATCCCCCAGC TGGTCAGTAA300
CACGAACAAA ATTGCCGATC AATTCACCCC CCTTATAGAT CAGCAGGGCA GGAAGGGCAT360
TCCTGGTGAA CTGACTGCTG GCGCCAATAA CTGAGCTCTT CACCTTGCAG AACTTGACAG420
CTGGGTACTC TGCGGCAAGG CAGATCATGC AACCATTCAT 460

Name: 122 Len: 672 Check: 13BD
ATAGAGCCTC ACAGCTGCCA GCTGTTCCCG GGCCCGGAAC GTCTGGGTCA GTGAGGTCCC 60
ATCTGGCAGC CTGACCTGTA TGCGACACTG GTCATACTCC CGCTTGGTGG GAGGCTCCTG120
GCTGGGAGAA GAGGGAACAG GACCTGGCTC TGGTGCCACT GGGGGTGGCT GAGAGCCCAC180
ACTGCCACCA TACTTCTTGG CTCTCTCTGC TTTGTCCCTC TCGATCTTTT CTCTAACTCT240
TTGTCTGGCT GCTAACTCCT CGGCCTTTTC CGTCCGCCTC TCCTCAGCAG CCCGGCGCAT300
CTCATCTTCC TGTAGCCGCT GTCGTGCTGC TGACAACTCT TGCCCTTGTC TCCTGCGCTG360
CCGTTCCCCG ITCAATGCCT CCCGTTCCTC TCTTTCTTCA CGCTCCCGCT GCTTCTGGGG420
CCACAGCTCC AACATCCCCT CTAGTTTGTT CCGTCTTTCC TCTTCACTCA AAGNGGGGTT480
TGCCTTCTCC CGCAGCCAGA AACAGATTCT TCAAGGGCGC CTGGTCCTTG AGGAATTGGG540
GTCCCGTCCC AAGATATGTC CAAGGGGAGG TTCAAAAGGG TCTTTCAAAA TCGGGTTGGT600
CTTGGTCTTC AAAAAACCAT TCCATGAAAG CTTGAGTCCC CTGTTCCCTT GAAGGGCAAA660
AACTTTCTCC GG 672

Name: 123 Len: 310 Check: D0

119

GCACGAGAAA TATCTGCCTA AGTGGGACCT GTGAAAACAC GAAAGGCTCA TTTATCTGCC 60
ACTGTGATAT GGGCTACTCC GGCAAAAAAG GAAAAACTGG CTGTACAGAC ATCAATGAAT120
GTGAAATTGG AGCACACAAC TGTGGCAAAC ATGCTGTATG TACCAATACA GCAGGAAGCT180
TCAAATGTAG CTGCAGTCCC GGGTGGATTG GAGATGGCAT TAAGTGCACT GATCTGGACG240
AATGTTCCAA TGGAACCCAT ATGTGCAGCC AGCATGCAGA CTGCAAGAAT ACCATGGGAT300
CTTACCGCTG 310

Name: 124 Len: 302 Check: 144A
GCAGAGCTGG ACCTCCAGAC CCGGATGAGT CTGCGGTCCT TCTGGAGGCC ATCGGGCAGT 60
GCACCAGAAC CGATTCATCC GGCAGAGCGG CANAGCAGCA GCAGCAACAA CAACGGAGTG120
AAGAGCTGCT AGCAGAGAGA AAGCCTGGGC CTCTGGAGGC GGGAAGCGGA GACCCAGCCC180
TGGGGAGATG CGGGATCAGA GCCCCAAGGG AAGAGAGTCA AGAGAAGAGA GACTAAGTCC240
GAGGGAGACC AGAGAGAGGA GGCTGGGGAT AGGGGGAGCC CAAGAGTTGA GCCTGAGGCC300
TC 302

Name: 125 Len: 811 Check: 1E88
TTTGAGGTTT GTAAGAATTT TTTAAACAAA ACAGAAATCA CAGTGACCAA GGGTAATGCG 60
AGTCTGTGTC TTCCTTGCCC ATGCTGCTCC CCACAGCTCT CGGTGGGTAC TAAATGACGC120
GCCACTGCAT GATGCTTGTG TCTTTCCCGC CCGTGGAGAT GAGGTGGCTG TCTTCACAGA180
GGAAATCGAC ATTGGTGACA TGGCTGCTGT GCCCGCCGTA GATGTGGCTT GGAGCCCTGA240
ACTGCGAGCA GGGGTATGAG AAGAGGTGCA CTTTGCCAAA GTCGTCGCCT GTTGACAGGA300
GTTTCTTCTC ATGGGCCCGA CAGACGGCAT TTATGTTGGT TCCGTCCGAG CCTTCTGGGC360
ACACTCCAAA AAAATGGAAT CCCAAAGTGG AGGTATAGGT AGGCCATTCA ATGTCTCTTG420
TAGTTTCCAC ACTTACGACT TGCTTACAGG CAGAGGGAAC CCAGTAGAGG ATTTCGTAGT480
CTCCGGAATT TGACACGAGG AACTGTGAGT TTACAGACCA GTCCAGGTGA GTAATGAAGC540
TGGAATGACC CGAGCACTTG CCCACTCGCG TGTACTTCCT CCCGTTTGTA CTAAAGGCAT600
ATATATAGAT GCAGTTGTCC TGTGAGCCTA TGGTAAAGAA ATTTCCCATC TGGTGAGTAT660
TGCATTACAG AGAAGCCGAC GGTTCCATCC TGTGTGAAGG GGGACCAAGT CTTTTGTTTT720
TCGTGTTAAA AACAACCCAC CTCCCAGTTA GTGGTTCGAC TTCAACCCAC GACCCTTGAG780
GGATGAAACC AAGAGAACTG GCCGGTTTCT C 811

Name: 126 Len: 456 Check: 11A
TTTTTTTTTT TAAAATACAA AAAACAGCTT TACTCAGACT TTTTGACTGC CATGTCCTCC 60
TTTAGAAGGA CTACAGTTTG GCTACTTGGT CTCTTCTGGG GCAGATGTGG CATCCTGAGG120
TGTGTTAGCT TCTGCCGGTG CAGATACAGC TCCTACCACA GTAGGGGTGG TCTCAGATAA180
AGCAGGGATG GCTTCTGGAG TGGAAGTGGC TCCTGTCTCA CTGGGGGTGG TGTCAGTTTG240
AAAGGCTGGA GTTTCTTGAC GGCAGCTGGT GTCTGTTGGA CTGGGTATGA TGTCAGCTTG300
AACAGTCATG GCCTCTTCTT CTGTTTCCAA TTCTGTTTCT TGATTTTGAA CTTCCTCACC360
CTCTTCTACC ATAGCAGGTG GTAGTTGTAA TAAAGTCTGA TGATAATGAT GTGTAGTCTG420
TATCAAATGC ATGTACATGT TGTATACAAA GTTTGC 456

Name: 127 Len: 292 Check: 281
TTCCGACTCT TTTCACATGT TTTTCGATAG CACTGCCATT TTGGCTGGAC TGGCAGCTTC 60
TGTTATTTCA AAATGGAGAG ATAATGATGC TTTCTCCTAT GGGTATGTTA GAGCGGAAGT120
TCTGGCTGGC TTTGTCAATG GCCTATTTTT GATCTTCACT GCTTTTTTTA TTTTCTCAGA180
AGGAGTTGAG AGAGCATTAG CCCCTCCAGA TGTCCACCAT GAGAGACTGC TTCTTGTTTC240
CATTCTTGGG GTTGTGGTAA ACCTAATAGG AATATTTGTT TTCAAAAATG GA 292

Name: 128 Len: 433 Check: 51D
GTAATTTCAT AGTTATTTTA ATAACCAGGT TTACATTAAC AGTCACGTGA TGAACTTTTT 60
TCTTTAATGT CAGCTAAACT CAAAACACAG TTTTGTTCAC GGTTCAAACC AAACAGCTCT120
TCACGTTCCA GAGCTGCCTC ACAGCTAGCA CAGNTCACAG GAGATTACTG TCTGTCCATA180
CCCACCAGAC ACAGAACTGA ACACCCACAC ACCAGTTTTC AAAGAGGGAA CTTACAATGA240
ATGCTGGCTG CCCAGGGCAC CCATGAGTGT ATCTGGGNCT CAAGCTGGAG TTTTCCAGGG300
GAGAAAGCCT GGGAAGCTTG GTGGCAAGGA AGTTGGGNAT TGCCCACCCT ACTGGGAAAG360
GGGTTTCTCA GGGGTTGAGT GAAAATCCCG GGTTAGGNGT CAGCCCTTTG TGGGAAACAT420
GGGCACTTTC AGT 433

Name: 129 Len: 372 Check: 21BF
GATCCAGGAG CCACACAGCT GCCATGGTTC ANAAGGCCCT GGAAACCGAC CCAGGAGATG 60
CCGTGGTTGT CNCGCTTTGC GANTTGCTGA TTCTAACTAT NAAGCCATTT GTAAGGTACC120
TCGAAAGGTG GCCAGAAGTA TCTCCTGCGG CCCTTCTAGC AGGTGGTCGA CCAGCATTTG180
CACTGAAGAA CCAGCGTTGT CTGAGGTTGG GCCACCCGAC TTAGCAAGCA CAAAGGTACC240
CCCAGATGGA GAAAGCATGG AGGAAGAGAC GCCTGGTTCC TCTGTGGGAA TCTTTGGATG300
CAAGCTTCCA GGCTAGCCCT CCACAACAGG AAGATGAGGA GACTGAGAGA AGTGCAAAGG360
AACTTGGAAA GT 372

Name: 13 Len: 439 Check: 1E33
TTCGGGTAAA TTGTAATTTT TTTATTGGAA AACAAATATA CAACTTGGAA TGGATTTTGA 60
GGCAAATTGT GCCATAAGCA GATTTTAAGT GGCTAAACAA AGTTTAAAAA GCAAGTAACA120

-12C

ATAAAAGAAA ATGTTTCTGG TACAGGACCA GCAGTACAAA AAAATAGTGT ACGAGTACCT180
GGATAATACA CCCGTTTTGC AATAGTGCAA CTTTTAAGTA CATATTGTTG ACTGTCCATA240
GTCCACGCAG AGTTACAACT CCACACTTCA ACAACAACAT GCTGACAGTT CCTAAAGAAA300
ACTACTTTAA AAAAGGCATA ACCCAGATGT TCCCTCATTT GACCAACTCC ATCTAAGTTT360
AGATGTGCAG AAGGGCTTAG ATATATCCAG AGTAAGCCAC ATGCAACATG GTTACTTGAT420
CAATTTTCTA AAATAAGGT 439

Name: 130 Len: 528 Check: 1041
GAGCGGAGCC GGAGCGGAAG CCGCAGCCGG GCGGCGGGAG CGGCGGGAGC GGGGGAAGCA 60
GGGCGGGCCG GGCTCCATGG CGCCAGCGGC GTCCGCCTGA NCAGCGCGGG CAACAGCGGC120
GGCGTCGGCC GGATCGGGCC GCGACACCTC CTGGCCATGG GGGACGTGCT GTCCACGCAC180
CTGGACGACG CCCGGCGCCA GCACATCGCA GAAAAAACCG GGAAGATCCT GACGGAGTTC240
CTCCAGTTCT ATGAAGACCA GTATGGCGTG GCTCTCTTCA ACAGCATGCG CCATGAGATT300
GAGGGCACGG GGCTGCCGCA GGCCCAGCTG CTCTGGCGCA AGGTGCCACT GGACGAGCGC360
ATCGTCTTCT CGGGGAACCT CTTCCAGCAC CAGGAGGACA GTAAGAAGTG NAGAAACCGC420
TTCAGCCTNT TGCCCCACAA CTACGGGCTG GTGCTCTACN AAAACAAAGC NGGTCTATGA480
GCGGAGGTNC CACCACGAGC CGTCATCAAC AGTGCANGCT ACAAAATC 528

Name: 131 Len: 521 Check: 253E
AGAGGAAATT GATTAGCTAT GGTGTAAGTT TTCGGGAGAG TCATCTGAAT GTTGTTATAT 60
CCATAAGCAA TAGCTGCATC TTCTACAATA TCACATGCAT GGATAATGTC AGCTCTGGTT120
GGAGGGATTT CAATCTCAAT CTGATTCCCA TCACCTATGA CTTCTGATTT TAAATACATC180
CTGGTCAGAA GTTTGGCAAG ATTTTCTGGA GTTTCTCTGA TTCCAACTTT TTTGTTAATT240
AGGTCAGCTC TCACCATCTC CTTTCGGTAA GCTAATTCTG GAAAGGTATG TGATTTTCCA300
TTAGGAAAAA CCACTTCAGC AGCTTCGACC GTAAATTGAT TCTCACAATA TTCACTGAAC360
ATGGTGACAA TAATATCAAG AACTATNTTT GCCTTAGTAA AGTCAGTTCC CGTGCATTCA420
ATAAAAATAT TTCTAGTATN TACTGTTATT CTGGAATGAT CCCCATTGAT GATGGGAGGC480
ATTGAAAAGA CGACACCATT GCTATCATAG ATAACTGGAT A 521

Name: 132 Len: 429 Check: 19CF
GAGGGGGAGA CGGGGAGCAG ATGCCTCAAA GGGGGTCAAA GAGAGGGGAA GGAAATTGCA 60
CATAAATAAA CCGGATGATT CCAAATGCAA GGAGTCCTCA GAGCGGAGCG CGGACGGCTT120
TTCCGGAGTC CTGGGTCTGC ATCTGGCGCC TTGGCCCCTG CTCACTCGCG CTCTCCTCCT180
CCTCCTTCTC CTCCTCCTCA CTGCTTGAGC TCCAGGGCCC AGACGTGCTG CGGCCAGCCC240
GTCCGGCCTT TGGTTTTCTT GTCGTTGCTG CTCACTGTGC TTTTCAAGAT TTCGTTCTGG300
ACAGAGGAAA GGCGAGGGCG AGAAAAGTGG AAAGAGAAAT TCAGAGAGGA TACCTGGTTC360
CACACCAACC CGGAGCTTCC TGCGCCGGAG GAGACAGTGA ACCAGAGAGG AAAGGATACG420
ATGGGGGAG 429

Name: 133 Len: 442 Check: 5E9
TCAAACAATA ACTTGGTATT TTATACTTCT CTATACTTTG TAGCAAATCT TTTTTTGCTG 60
AATTTAATTT ATAATAAACT TTTTAAATTA CATCTCTCTC TCTTTTTTTT TTAAAATCAA120
GGCTCTTTTA TGTCAAAATC TTTTTTTAGC TATATTTTAG ATTAACATTT AACATCCCCC180
CCTTGTGATC TATACCGTTG GATATTCAGG TATTACTGTG TGTGTAACAG CTAAAACAAG240
AGGGAGGAGG GAAAATAAAG GCAGTGAACT TGGACGGATG CATCAACAAC AGCAGATAAA300
GCTAACCCCT CAGTGACCAT AGCAGCATGT CTTCTGGAAG CCTTTACTCT TACCCCAGAG360
ATTTCCTCAG CCCCTTCCCT CTCTCCCTCC TATCCTCCAA ACACAAAGCC AACAGTCTGT420
CCTTTCGCTT TTCTTGAGGA GA 442

Name: 134 Len: 913 Check: F1E
TTTTTTTCGA TTCCCTCTCA TTTATTCCTT GTGGAAAAAG AAAAACACAA ATCTTAAAAA 60
CTAAAGCAAG TCAGGGAAGC CTGGAAAGAT ACCCAGATTT GATAACATGT TAGAAGGAAA120
TCCAGGCTAA GGAATCTCAT TTTCTAGCTT TGATCTGGTT GTCAGTTGGG ATGGACTTGC180
CCAAGTGATG GCCCACAGAA AGGCCAAATT TCTTGTTTTT CTCCTCATCC TGTACCTCTT240
TTTTCATTAA GAATCCTGCC TGGAAGTTTA GGTCAAAGAG GCTGCTTGGA GCAAAATACA300
GTGGTGTCTC ATTCCCNNAA ATATTTTTCC TTCCCCCCCC CAGGCGTTTC TTCATCCTTC360
AGGATTTGAA TTCGGGCGTC TGCTGGAGTG GCCCAATGCT ATATGTCAGT TGAGGTTCTA420
AGACTTGGAA GCCACAGAAA TGCAGAATGC CACTCTGAAT TGGCCAGAGA ATGACATTCA480
TGTCCCCGTG GATCCCTTGC AGAGAGTACA TGGAGCCACT GCCACCAGTG GTGATGGAAA540
GCACTGCCTT CTTACTCCGG AAGGGTCCTT TGTCATACAT GGCAGCGTAA GTGTAAGCAA600
ACTCTTCTAT GAACACTCGC TCAAACCAGC CTTTCAGAAT GGCAGGGACT CCCAAACCAC660
TGCAGGGGGG ACTGGGATAT CACAAAGGTC TGCGGCTTTC CAGCTTCTTT TTGGTCAGCC720
ACAAATATCT GGGCTCAGAT GGGCTTTCTT TATTAAGCAG AACAAGATTC GCAGGATACT780
GGAAAGTCCC AGGGTCCTTT CAGTTTACTT GGAAGGGCCT TTTGGGAAAG AAGGGATGGA840
AATTATGGGA TAAAGGGGCC GATTCCACAA CTTCCTTCCT TTTTTTTAAA GCCGGTGGGC900
AAGCTCCTTA TGG 913

Name: 135 Len: 750 Check: 1FCD
TTTTTTTTTT TTGTCATTCA TAGTAAAAGT TTATTGAACA GAAAACCCAG CAAAGGTTTT 60

121

CACCTCCGCA AAGTTCCCCT TAGTTTAAAG TAAAGCACTG CATTTTAAAA AGCAATTATA120
CATAAGTCTT TCCTAGAAAA GTCCTGCTAA AACATGTCTA GCAATTTCAT TGATTATATA180
AAGTAGTACA CTTAGTGTAA TTTAAACATT CCAACAGGAA TCAAATCGTA CCAGCAGAAC240
CACTTCTGCA TCTATGACTT CTATGTACAA ACACACATGC AGACACACAC ATTTGGAAAA300
GTTCCTCAAG CATAGACATG CAACACCTAA GGCCTTCTAC GTACAGTGCT TATTAAACTA360
CATAGAGTAT ATATTAAAGC TCTTCAGAAT AAAGACATGA GAAGCCTTGG GCATTNTTTG420
TTCACCAATT TGTATCACGG CTTCACGTTT CTGCTTTTGC TTGCTCACAA AAGCATATCA480
TCATCCACAC TGTTTTTTAA AAACTCATCA TTGCCATGTC CAGGAGAGGC AATCTAGCTG540
GAGTCAGGTG ATCCAGTCCA TTCCTGTCAA AGCCTCCAAC AGCTACAGCA CAAACACCAT600
CAGTNTGCGA TGGCTGGGGG GCCTTCTGGA AGAAGAGAGG CAAAGAAAGT CTTGAAGACA660
AGCCATGCTG TGCTCATAAA GGAGGGGCTG GTCTGCTCGC CATCTAGTAC ATCCCTGTCT720
TGGAGGGAGG TGGGTTGGGG TTTCCATTTC 750

Name: 136 Len: 348 Check: B6B
AAAACGACGG CCAGTGAATT GTAATACGAC TCACTATAGG GCGAATTGGG CCCTCTAGAT 60
GCATGCTCGA GCGGCCGCCA GTGTGATGGA TATCTGCAGA ATTCGGCTTT TGACACCAGA120
CCAACTGGTA ATGGTAGCGA CTGGCGCTCA GCTGGAATTC CGGCTGGGAC TACCGGGTCT180
CACTCCAGAA GAGGCTTCTT CAGAGCATGG TAGTCTTGGG GTTCTAAGAG AATGAGAGTA240
GAAGCTGCAA AACCTCTTGA AACTGGGGCT TGGGAGTCAC ACATGACTTT CTCCACATTC300
TGTTCGTCAA AAGCGAATCA TAAGGACAGC ACAGACTCAA GGGATAAG 348

Name: 137 Len: 505 Check: 1021
AAACGACGGC CAGTGAATTG TAATACGACT CACTATAGGG CGAATTGGGC CCTCTAGATG 60
CATGCTCGAG CGGCCGCCAG TGTGATGGAT ATCTGCAGAA TTCGGCTTTT KACACCAGAC120
CAACTGGTAA TGGTAGCGAC CGGTTCTCAG CTGGAATTCC GGATTGGTCC AATTGGGTAT180
GAGGAGTTCA GTTATATGTT TGGGATTTTT TAGGTAGTGG GTGTTGAGCT TGAACGCTTT240
CTTAATTGGT GGCTGCTTTT AGGCCTACTA TGGGTGTTAA ATTTTTTACT CTCTCTACAA300
GGTTTTTTCC TAGTGTCCAA AGAGCTGTTC CTCTCTTGGA CTAACAGTTA AATTTACAAG360
GGGATTTAGA GGGTTCTGTG GGGCAAATTT AAAGTTGAAC TAAGATTCTA TCTTGGACAA420
CCAGCTATCA CCAGGCTCGG TAGGTTTGTT GCCTCTWCCT ATAAATCTTC CCACTATTTT480
TBTACATAGA CGGGTGTTCT CTTTT 505

Name: 138 Len: 513 Check: 117D
AGGGCCGAGT GGAGGTGCTG GTGGAGAGAA ACGGGTCCCT TGTGTGGGGG ATGGTGTGTG 60
GCCAAAACTG GGGCATCGTG GAGGCCATGG TGGTCTGCCG CCAGCTGGGC CTGGGATTCG120
CCAGCAACGC CTTCCAGGAG ACCTGGTATT GGCACGGAGA TGTCAACAGC AACAAAGTGG180
TCATGAGTGG AGTGAAGTGC TCGGGAACGG AGCTGTCCCT GGCGCACTGC CGCCACGACG240
GGGAGGACGT GGCCTGCCCC CAGGGCGGAG TGCAGTACGG GGCCGGAGTT GCCTGCTCAG300
AAACCGCCCC TGACCTGGTC CTCAATGCGG AGATGGTGCA GCAGACCACC TACCTGGAGG360
ACCGGCCCAT GTTCCTGCTG CAGTGTGCCA TGGAGGAGAA CTGCCTCTCG GCCTCAGCCG420
CGCAGACTGA CCCCACCACG GGCTACCGCC GGCTCCTGCG CTTCTCCTCC CAGATCCACA480
ACAATGGCCA GTCCGACTTC CGGCCCAAGA ACG 513

Name: 139 Len: 340 Check: E2C
TTTTTTTTTT TTTTTGAAAT GAGTAAATTT ATAGCTTTAT TTGCATACAG AAAAGTGCAT 60
GAGAAAATAA GTATGTACAA AACAGTTGTG TGGCTGATCA TGACTTTCAA AAATTCAACT120
ACCTAGAAAT AGTTACCTCC AGTTTAGCAC ATTTAGGTAT TTGGACATTT AAAGTACTAT180
TTCAAGTCTG TGTTTATAGT GACTGAGTAG GAAGCTGATA GAAAATTATG CCATATATGA240
TCAACTATTA CCATTAAACA TAAAACCACA GGACTTTCTA CTTGGGGCTA ATCAATAGAG300
GGTCATGTGG CCCCTGTCTT GTTTAGCTTC TGAGCATCAC 340

Name: 14 Len: 486 Check: 1FA
GCTAGGAAGA TAGTTGTTAC ATACTGAAGT AGGTTATTAA ATAAAGTAAT GAAATATCTT 60
TGAACATATA TATAAATAGG ACAGGCTTAT ATTCTAACTA GTTTGCGGTG TTTTCAGCTA120
ACTCTATCAC ACCTAACCAT CTGTGTAAGA CTTGATGCAT TTTATATCAT TTTTAGGCTG180
GGCTAGGAAA CAACAAAATC ACAGATATCG AAAATGGGAG TCTTGCTAAC ATACCACGTG240
TGAGAGAAAT ACATTTGGAA AACAATAAAC TAAAAAAAAT CCCTTCAGGA TTACCAGAGT300
TGAAATACCT CCAGGTAAAA CATTCTACTT GTGTTCAGTA GNTATTGGGT ATTTTTCCTT360
CAGGTTTTTA ATAACACACT TTAGGCACAC CTCAAGCAAA GGACCAAGTA AGGCAGCAAG420
GGGTGGATTC AAACATAATG ACTCTCCAGG TTGCATGAGG TGTTTTAAGA AGTAGGAGAG480
CTTTAN 486

Name: 140 Len: 334 Check: 1A0F
GGCCTTTTGG TTCCAGAAAA ATAGAGGGGA TCTCTGTGGA GCCTCTTTGG TTTTTCATCA 60
ATTCTGGGGC TATTAAAACT AGCCATTCAT CTAACGAGGG CCAAAGCAAT TCCAGAGGCT120
TGAACACCTG GCTTTTTGGA GTTTTATTCC CATTGTAGCC CATATCAATT CCATTACTGG180
GGGAGGATGG ACCAATTCGA AAGACGTGAC AAAACATTCT CACAATCCTT AAAAGGCTCT240
TCATTTGAGC ATCATAATTG CTAGAGAGGC TAAGCAGTTT ATGACCATTT GTTGTAGCAA300
CTTCAGCAAG GCTTGTTAGA ATCTTTAGGT ACTG 334

122

Name: 141 Len: 497 Check: 1A2F
TTTAAGGTTA CACGATTATT TATTGAGAGC CTCCTCTCCC CGCCCTTGCA ATCTCTAGGT 60
CACTTTCTCC GCTTGTAGAT TTTGCGCGCA AGCCCCAGAA AGACGGCTGG GGGCAGGGGT120
GCTGCGTACT GTTCAATGAG AGCCATAATG TGGCTGTAAC TGTCTTCCTC ATATTGCAAG180
AACACTGCTG GCAGATCCAG CTCCTCATAT AGCGCCTTCA CCCGGGCCAC TTTCTCAGCC240
TCCTTCTGCC CGTAATTTTC CTTCAGGATC TGGTACTGTT CTGGAGTGGC CCGTTGCAGA300
CACTGAACCA CCAGCCAGCT GCATTTGTTG TCCTGGATGT CAGTGCCAAT TTTGCCGGTC360
ACACTGGGGT CCCCAAAGAG GTCAAGGTAA TCATCCTGAA TCTGAAAGAA CTCCCCCATC420
TCCAGCAGGA TCTTCTTGGC ATTGGCGTGC TCCTTCTCGC CATCAATTCC TGCCATGTAC480
ATGGCTGCAG CTATAGG 497

Name: 142 Len: 353 Check: 1801
TTTTTTTTTT TTTTAGAGAT TGTTGTGACT TTTATTCAAT TTGAAATCCG GATTAAAATA 60
AAAGCAGTGA GAGCAAAGCT TTACAAATAT TACATTACTA CGTCATTGAT ATGGCTTTTA120
CACTGATTGG ATACAGGAAA AAAAAAAACC TAACATTAGA ATTAAGGCAG TAACAACATG180
TGCAAACCCA GCACACCCCC TGACAGTCTT CAGTAGAAAA CTACTCTGGT CAGGTGGTAT240
CTGACATGGC TGCATGCAGG TCTCATTGCA TGGAAGGATA GGTCCTGAAG AGCTTCATTC300
CTTAAAGGGG AAAAGGACCC TTCTCACTGG CCAACGATGG CCAGGAGCAG CTT 353

Name: 143 Len: 559 Check: 225B
ATGCTTCACA CTTGGTTTGC TTATATTGAT CATTTAAAAA GAGATATTAA TCTTACCTAT 60
TGCCATGAAT ATTTCATTTA CATTCATTGA TGTTTTAGCG GATGTCTCCA TGAATAATAA120
ACTATTGTCA TCTGCATAGG ACTGTGCTTC CTGGAAATCT ACTGCTCTTT TATTTGCTAG180
GTCGGCCTTG TTTCCCGATA AAGCTATTAC AATGTTAGGA CTTGCTTGCC TCTGAAGTTC240
TTTAACCCAA TTTTTTGCTC TTGCAAAGGA CTCCTCATTT GTGATATCAT ATACAACTAT300
GGCTGCTTGT GCTCCTCTGT AGTACATTGG TGCTAGGCTA TGGTATCGTT CTTGACCAGC360
TGTATCCCAT ATTTCAAACT TTACTGTAGT GTCATCAAGA CATACAGTTT GGGTTAGAAA420
AGCAGCCCCA ATGGTACTCT CTTGAAATCA TGACATTGGC TTTCACAAAA CAAGCACTAG480
GCTTGATTTG CAACAGCGGA CTCTCCCAGA GTACTAGTTT GAACTGCATA TNTATTTCCA540
GTATTGGCCC CGTGGGTCT 559

Name: 144 Len: 572 Check: D1C
TTTTTTTTCC TTTTAAATGC TTCTTTTATT TCATTGGTTG TACATTGGGT GAGTGAACTG 60
AATATTACAA CCAAAACATA GTATTGATAC AAATTAGACT CCTGTTTACA CTGTAAGGTA120
ATGAATGAGG GAATTCTTTA AGTGTTACAG AAAGATTTAG TAGAAATGTT ACCAGTGGTA180
TGGCTGAAAG AATATTTCGG TGAAGTGCTG TTATATCCTG AAAACCAAGA GTGAAATGTA240
GTTCCCATAC AAGTGGAGAG TTAGTCTCTT AACTACAGTA TTTGTTGAAC TGATATCTTC300
ATGTCTTGGA TATTGGTGAT TTTTGTTTTT TAATTAAACA AAGCATTTAA GATTTATTCA360
TCATAGTCAG ACTTCTGAAT ATAAACAAAC TTTTGGCAAA TAATATTTAT ACAGAAAAAT420
AGTTTTAGAT CCTCTCAAAT CCCAGAATTA TTCTATAAAA TTACATTATA AATAAATAAA480
AAGCAAAATC TGTTGTACAT ATATTTGTAC ATCTATGCAT TTGCCTTGCC TCCTCCTTAT540
TGTAAATGGC ATATTTATGA CTCTTTGCAT AT 572

Name: 145 Len: 402 Check: 1D03
TTTTTTTTTT TTTTTTGTCT TAAGGAAGTT TTTTGGCATT CTTTTTTTTT TTAGATTACA 60
ACACACATAC AATAAGTGAA TTTTATCAAA ATACAGCACA TTTCTTCTAC TATATCCATA120
AAAATCAATT CCTATGTAAA TAGTACTGAA AATCAACTAA AATGAGTTAA AATTTACAAA180
GAGTTGTTAA AGGGTTTCAA TCAAAATTAT TAAAACTATA CAGTACAATA ACCAATTGAT240
AACATCTTGA AAGAAGTGCA ATATTTGAGT TCACATATTT TTAAAAGTGC TGCCTACTTA300
CTCTGACTAG CAAGAATGGA AAGTGAGTCC AACTCACTTT TGCAAAAATA ATGTTGGTTG360
GTGTTTTAAG CTAGTCTTAT AAAAGTCTTA ATTAAAATCA AG 402

Name: 146 Len: 482 Check: 28
AGTAGAAACA AAGTATGTTT AATGGTTGCT TTGGAAAGGG GAAGTGGGCA CCTCATGCCA 60
GGGAGATTTA AAAATGAGAC TTTTCAAGCA AGCACTGCCT ATAGCATAGT CTCATATTTT120
GAAAATTTAA ACCTAATTTT AATTATATAT AAAGAACTAT TTTAAAAAAT CACACCCACA180
AGTAAAAAAC TGGTAATCTG TTTACAAAGT GCAGCGTCAG TACAGCAAAC TCATCTCAAC240
AAAAGATTAT GTGTGGTTTC TCGGGCTTTA AAACTCCCCT GGTTTCCATT TAAATGCTTT300
AACATTGAGT CATCCTGCAT ACATGAAAAG CCTGTGTAAT GAAGCCTGGG TCCTTTAACA360
CCTGCTATTA ATTAATTCCA ACATAAGTGA GTATGAGACC TGNGAAGTAA ATTGTCATCA420
TCTGATTGAT GAGGTACAGA TTATCTGAAT AAAATTTCTG ACCTGGTTAT GAGTCAGTAA480
TC 482

Name: 147 Len: 489 Check: 149E
TTTTTTTTAA CATTCCTAAG TTTCTTTATT CTTCATAGTT TTCTAATGAA CAAATAGTTA 60
GTTTTCCTGA GTAAGATTAT AAAAAAGTTA ACCATTCTTC CAAAAGTATA AAGACAAATA120
AAATGTCGAC TCATAATACA AATTTTTTAC ATAGCATTAA AGGTGCAGAT ATTGACTGCC180
CCTCTTCATT ATGATTGGCC CACCCCTTAA AAAGACTGCA ACAGAGGATT CAATTGTCTA240
AAATACTTCG AAGTACAGAA ATTAAATGCT TTAGCCCATA AACATATCCC TCATCTATTG300

123

TGTTGCTAGG GAACACATGA GCAAAATCTA TCATTCGCAC TTCTACTTCA GCAATCTCTT360
GGCAACCAGT GGGAAGATGG TAGAAAACTT TNTCCAGTTG GGAAAGTACA TTTCCATTTA420
AATGTTCCTG TGACATGCTT TTCCACCCAT TGTCTTGCTC CAGATTTTCA ACTTTCAATG480
AAGTCTGAC 489

Name: 146 Len: 372 Check: DA7
TTTCACCTTT TAATTTTATA TTATTTGCGT CATACATTTC CTGTAACGGA AGTGTTAATT 60
TTACTGTACT TTTTGGTACC TTTTGGGAAT CTAATGTATT GTAAGGTATT TTACACGTGT120
CCTGATTTTG CCACAACCTG GATATTGAAG CTATCCAAGC TTTTGAAATA AAATTTAAAA180
ACCCCCAAGC CTGGGTGAGT GTGGGATATG CTGTGTGAGA CCTCTTGCTC AGGGTCGAGG240
GAGGCGNGGG GGGGNGNNNC CNNNNNCCCT NNACTTTTNC CTTCTTCTGC NNCANGCTCT300
TCCAGCTTGA GGCCCAGTTG GGGGGTATCC TTTAAGGACT GCCTTGCCTA GGGCTGGGCC360
CCCCTTTCAA GA 372

Name: 149 Len: 491 Check: CA
GTTTTTAAAA CAAGCAAATT TTATTAAAGG AAAATTTTGC AGGTTTAAGG TTTGCAGGTG 60
AAATTTTGTA GGTGAAAAGG TTTACTTTTC ACCAGTCTGT TCTGGCATGC TTCTAATGAT120
GTCAGAGTCA CCTGGATCAA TGATAGCCAG TGTGCACACT CTGTAGTATT TTCCGCATGC180
TGTGCCCAGT TCAATATTAT TGCCACTGTA GTGATGGACA CCAGTTTTAG CCAACATAGC240
ATAGTACTCT ATTTCAGATT TCCTCAAAGC TGGGCAGTTG TTAGCGAGAA TGACCAATTT300
CGCTTTGCCT TGTCTGATCA TCTTCAGAGT CTGCTTGTAC CCCAGGACGT ACTTCCCACT360
TTTCATAACG AGTTGGAGCC TAGAGTTGAT CGACTCCAGC GACTTTTTCG TCTTCTTTGC420
GGCCACCATC TTCCTGCCTT AGGAGCGGGA CGGCCCCCAA CCTAGAAGAG ACAGAGAACA480
GGACAGGAAT T 491

Name: 15 Len: 601 Check: 1356
CGACAACTGT GCTGACAACC CATGTTCTTG CAGCCAGTCT CACTGTTGTA CACGATGGTC 60
AGCCATGGGT GTCATGTCCC TCTTTTTGCC TTGTTTATGG TGTTACCTTC CAGCCAAGGG120
TTGCCTTAAA TTGTGCCAGG GGTGTTATGA CCGGGTTAAC AGGCCTGGTT GCCGCTGTAA180
AAACTCAAAC ACAGTTTGCT GCAAAGTTCC CACTGTCCCC CCTAGGAACT TTGAAAAACC240
AACATAGCAT CATTAATCAG GAATATTACA GTAATGAGGA TTTTTTCTGT CTTTTTTTAA300
TACACATATG CAACCAACTA AACAGTTATA ATCTTGGCAC TGTTAATAGA AAGTTGGGAT360
AGTCTTTGCT GTTTGCGGTG AAATGCTTTT TGTCCATGTG CCGTCTTAAC TGGATATGCT420
TGTTAGAACT CCAGCTAATG GAGCTCAAAG TATGAGATAC AGAACTTGGG TGANCCATGT480
ANTGCATAAG CTAAAGCAAC ACAGACACTC CTANGCAAAG TTTTTGGTTG GTGAATAGTA540
CCTTGCAAAA CTTGTAAATT AGCAGATGAC TTTTTTCCAT GGGTTTCNCC AGAGAGAATG600
T 601

Name: 150 Len: 455 Check: 254B
CATGTTTAAT TTATTATTAT TGCAAAAGAA CAGTTTTTCT CATGATTAGT GAAATAGAAA 60
ACTCACAATA TACTTAAGAG TCTGCAACAA GTTACATAGA ATCAGAGGCA CTTCAAAGGC120
TTAAAAAGAC GTTTACAACT TAAATGCATT TTTAAGAACA AAAACTGATT TTTCTTTAAA180
CCTCTACTCG TACCTTCAAA TTGCAAGAAA TTAACAAATA CAGTGGCCAA AGGAATCTGC240
AGCAACTTCT TAAAATACTG TTAACATCTT TGGGTTTGCT GAGGCTTGTC AGTAACTTAC300
ATCAAATCCT CCCAAAAGAA GATCTGATTA GATAGATATG ACTAAACGGT TTTGTAGTAA360
TAATCCAATT TTACACATTA ATTTGCTGTT GCAAATCTGC CCAAAGCTAC AGGTAATGAA420
AAATAAAGCA AGTGTAAAAT GGATAGTCTG ACACT 455

Name: 151 Len: 465 Check: B93
AGCTTGTCGA CGCTGTCGCA GGGGTGGATC CTGAGCTGCC GAAGCCGCCG TCCTGCTCTC 60
CCGCGTGGGC TTCTCTAATT CCATTGTTTT TTTTAGATTC TCTCGGGCCT AGCCGTCCTT120
GGAACCCGAT ATTCGGGCTG GGCGGTTCCG CGGCCTGGGC CTAGGGGCTT AACAGTAGCA180
ACAGAAGCGG CGGCGGCGGC AGCAGCAGCA GCAGCAGCAG CAATCTCTTC CCGAACACGA240
GCACCACAGG CGCCCGAAGG CCGGAACAGG CGTTTAGAGA AAATGGCAGA CGATATTGAT300
ATTGAAGCAA TGCTTGAGGC TCCTTACAAG AAGGTGAGAA AAAACATGTC GGTGAGGTTT360
ATATATTTCT TAATTTAGCA TTATTCACGA AACTACTGCT GAAATGTAAA CTAACCTTCC420
CGGAGCCCTC TTGATTTATC CTATTAGAGA TGCCTTACCT TGTAC 465

Name: 152 Len: 386 Check: 1BC9
TCCTTCTTAG TTTTCTTCCC AAATGGTTCC TCAGCCCCAG TGCTGGGCCC TGAAATAGGC 60
CCAGCTCCCT GTATAGTTCC CACAGAGCTG GCCACACCAT AAGTCAGGGG CAAACTGGAA120
CTGTGGGAAG GAGCTGCAGC CTGTACTTCC CCTTCAGTTA GAGCCTGAAG CTGGAGGAGC180
TTCTTTAGCA AGTACCTTCT TTCTTCTTTT GCTTTAAGAA ATTTTTCCTC AAGACGAGCA240
ATTTCATCAC AAATAGCAGC ATTTTCAAAC ACCGTGGCCT TGGCCGCTTT GCGCAGCCGC300
AGGTACTTCA GCCGGTACTT CTCATTCTGG CTCTTCTTCG GGAGCTTTTT CATCCTGGCC360
TTGCTGGACT GCANCGGAGC CCGCGG 386

Name: 153 Len: 601 Check: DA2
TTTTTTTATT GGCTTGGTTT TTATTTCTAT GCTTATAAAA AAAATATGAA GCTTCTTTGT 60
GTGGACTGAA GGGGTGTTAG CCTGTGGATG TTGGTCTTCG GTGCCTGTAC CCCAGTGGCT120

124

GTTTACATTC CAGGCCCCTG CTAAATAAAG CAGGCTCCAC TGCCAGCTGT CTGTACACTT180
TTTCTTGGGG GAAGAGTTCT TGTCTTCAGT TTACTGCAGT AGGGTTCCTG GCTCTGTTAC240
ATGCTCATGT GTTCCGGAAG AACATATGAA ATATCATCCC ACGGATGACG ATACAGCCCC300
TGCTTCAGCC TCTTCTGATC AAGATAGTGT CCAATGAACC CCATACTCCT TCCCAGCACA360
AAGATGCCAT TGAGGGCTCC AATGTCAATA TATTCATCAG CTTCCTCCCG AGTAAAGGAC420
CCACAGTTTC TAAGCATGTC TACAAATGCG ACTCCGATGA GACCATCTAC ATTCAGGATA480
AGATTTGGCT TCTTCGAGGT GTAATCTTCT CTACTTCCAG TGCATAAATC GAGCAGAGAG540
TGGCCANGGA GTGCTGCCCT GCGTAATCTT TTGAGATCTG CACTCGCATG TTCTGGGTGT600
T 601

Name: 154 Len: 340 Check: 21AF
GCGTTTTCAT ACTCTTTATT GCCAACGGTT TAAAATGGTC AACATAAAAA AAAAAGACAT 60
TTTGATAATA AATACTGCTC TTTGGGCTGT AATAAATAAA AAGTTTATTA ACAAGGAATG120
CACTTTTCCA GCCACAAGTA TCTTCAAAAA TTAATGAAAA AAAATTATAT ATGGCCATAG180
TTCACAGTTA CGCAGCCAAA AGCTGCTCCA ATTACAGCCT TTAAACAACA TGGGAGCTTC240
CTCCCTTCTC CCTCCCCTTC AGGAAGTATA TTCACAGTTC CAAAGTCCTC TGGCTGAAAT300
GCTCTCAACA GAGAGAATTT AAGAATCAAT GCACCTTTCT 340

Name: 155 Len: 759 Check: 21EB
CCTGGTCCTA CTTTCCCCTC CTCATCTTCC TTTTTCTCAC TGTCTGACTT TTCCTCACTG 60
TCGGACTTCT GTTGCTTTTT GGTTTCAGAC TTCTCATCTT TCTTTAAGTC TGCTTTTGGT120
CCTTTGTATT CATGTGTGTA CAGAGGCCTG AAGGAGTCAA TGAAGCCCAC ATCAGCAGTC180
AGATTTGGCA AGAACCAAAA GTGGTGCCTT CCTCCAGTTA TGAGCCAAAT GATGAGAAAT240
AGAATGCATC GAGCAACAGC AAGGAGAAGA ATACTGGCTA CAAAACAGCC TGCACCCACA300
CTGAGGTAAT AAACACCTAC TCTCATTTCT GCTGGCCAAA GGGGGAAGAG GGTGGCCGCT360
ATTACTGCAA TCACAAGAAT TAATCCCATG ACAAATGTTT TAAAGTGAAC TGGGTCATAG420
ATCCATACAT ACACCTCATT TCCATCCAGA AAAACCTGAT CATCATGTGG CTAAGTTTGA480
ATTTTTTCTA GTTTCCTTCT TTTNTAGAGT TCCCTGAGTT TCCTCCTTTT TGATTCTTCT540
TTTCACCATC TTTTNTTTCT CTTTTTCTTT TTTTGGCTCT CATCCCTTAT ATTTNCTTCT600
TGCTCTTTTA TCNTCTCTTT TCACTNTCAG CTTTCCCTTA TCTTTTTCTT TCCTATGCTT660
ATCATATTCA TTCCATACTT TAGGGGGCTG TGAAAAACTG CTCTAAAAAC TCTGTGAGTC720
ACCACAANNT CCCCTGTGAA TAAGTNCTCT CTTCTGCTT 759

Name: 156 Len: 703 Check: 24F3
TTTTTGAGAA TACACAGGGA GCTTTATTAT ACAAAATGGC GGGGTGGGGG GCGGCAAGCA 60
GCGGATGGCA TCAAAGAGGC GAGGGTAGGT CATGCTGGCA ACAGGAAGCA ACTTCTTAGC120
CAGGGCCGGG GGGCGGGTGT CTGGCTGGAA TCTCCCCTGG GTACATGGAG GGTGCCAGCC180
GGCTGGACCT GCAGACCCAG GAAGCGAGAT GGGACGCCTA GGGAGCCGGG CCCCCTTCCA240
CAAGCACCTT CTCATACTTC CCATGCCCGG TGGCCACAAA CTTATACCTC TTCCCAGATG300
GGGTGCTCTT AATTGTTGAT GAGGTCTTGG AGCCTCCCTT CTGCTCCCAG AGGCTTTTCT360
TGCTCATGTC TCCAGCCACA ATATCCTTGC AGGACGGAGT CTTGGCCGCA GACTGAGCCT420
GTACCTCACC CGTCTCCCAC CGACTCTTGG TACTGGCCAC AGCCATGCTG GGCAGCTCTA480
TGGAGGCCTG GCNGGGCTAG CTTGGGGTCC GGCCCAGCGT CTCGAATGGC CTGGTGTATT540
GTTCCAGCCA CTGATCAATC CTGGAGATGG GCAAGTCTTG CCTGGATTTC TTCACACTGG600
TACTCTTCTT TATTGGAGCG TTTAGGGGAC TCGTCCTGTC NATGAAGTTG GTGTNGGCTC660
CAGGGAAGCG AGCTCTGGTC GATGTCCCTT CAAAACCAAG GGG 703

Name: 157 Len: 757 Check: D7F
CTTGGTGTGT CCGCTTTAGA AGGTCAAACT TCTCGTGAAG CTCTTTCTCT GCCTCCTTAA 60
GTTCAGCTTC TTTCTCCTTC ACTCTCATAA CAAACATTTG TCTCATTTCT TCTTCTTTCT120
TCTGCAGTTC TCCCAGGAAT TCATTCCTTT TTGCTTCATA TGTCTCCTGA AGACTGAAGG180
GTTTGCTGTC AGGGTCAGTG TCCTTGAACC CCATCTCTTC AAGCTTACAG CGTCGGTACA240
ATTCATAGTG GCGGGTGTGA GTCTGCTCTC GCAAGTCCTC CATGTTCACG CGGATCAGCA300
TCTCTCGAAG TTTCACAAAA TCGCAATGAT TTTCATTCTC AACCTGCACC ACACCCCAGG360
GGTACTGCCT GGCCTTTGCC ATCTTGTTGC CAATCTTCAC CTCTTCGGTG CTGCCAACCA420
CTGCAAATGG GAGATGGACA CTCATTGTTG CGTTAATCTC TGCCACCGTT TCTTCATCAG480
TGGGAAACTG ATATATCTGG ACCCCATTGC TGACCAGTTC ACTCATGATC TTACTCTTGA540
ATNTGTGCAG TTCATTCTTG GCAATGTGTC AGCTTTTGCA AATATTGGGA ATGATGTCAC600
CTTACTGTCC AGCTTTTTCA TGGTGACCAG ATCCCAGGGA CCTTAGTGAN TGTCAGTANG660
GGGCAATAAG TAGAGGCAAG GCATGAATCC TCGTGTCATG GTAGTTTGAG AAGAGACCGT720
TAAATCTCAT TTTNCTCTGC NGTANGCCCT CGAACTG 757

Name: 158 Len: 455 Check: E81
GGAAGTAAAA AAACCTGTTT CAGGCTTCAT TTATTGCTAC ATAATGACTA CTTCAAGGGT 60
CATCTGGCCC GTCGTCAGTC ACTCTTAGAA GTGGTAAATA CAGTGGTATA GTTTGGAAGG120
AAAGGAGGAA AAAAATAATG CATTGTGATA CAAAAATATT ACCTACATAT AAATTATTAA180
AGATTTATAA AACATTCAGA ATATGTTCTT GCTATAAAAA CAATATACTT AAATATAGAA240
GCAAAAAGTC CTGAAGCACC CGCAATTATT TTAATATCCA TTTAATCAGG GAAAACTATA300

-125

TATGTGGATA TATAATACAT ACATATGTAA TAATTTGAGA AGAAAAAAGG CAAAATTCTG360
ATTATAATCC AAAAAGAGTT TATCTAATTA TGGAGGTAGG TCTCCACTCC AATTATACAA420
ATAAGTTATC AGTTTTATTC AAAGAATTAT AAGTC 455

Name: 159 Len: 486 Check: E17
TGGTTTTCTT CAGCCGCAGT CTTGTCTGCT CTGAAGAAAA TTCTTGCACT GCTCAGTGAG 60
AAATACAGCA ATTCAAATTC CTGTAGATAG ACATCCAGTC GCTTCTGAGT GAGATTCATG120
GTTTGTAAGA GTTTTTCATC TTGACTGGCT GACTGTACAT TCTGTTGCTT AGCAACTGCT180
CTTATCTCCT TCAGGTATTT CTCTCTAACA GACTGGAACC AGTGAAGTGA ATCAAACTCC240
CGATACTGAT CCAAAAGCTT TAGAATGTAA GCCACACCCA TGGCAAAGCC ATCATCAGTA300
AAGGCAGCTC CAATTTTATT TTTTTTATTT AATTTTTCCT TGCAACTAAT GGAATGCTCT360
ACAAAGTTGA GGGTCAGAGG GGGAACAATT ATATAGAAAT TTCGGAGATG TATATTCTTT420
GGCCTTCGAA ATTCTGGAGC AAAAACGTCT ACAAGCATTT TGAAATATTC TGTGCCTTCG480
GCAGAA 486

Name: 16 Len: 511 Check: AC8
AGAGGATCGC CAAGGCCGTG AACGAGAAGT CCTGCAACTG CCTCCTGCTC AAAGTCAACC 60
AGATTGGCTC CGTGACCGAG TCTCTTCAGG CGTGCAAGCT GGCCCAGGCC AATGGTTGGG120
GCGTCATGGT GTCTCATCGT TCGGGGGAGA CTGAAGATAC CTTCATCGCT GACCTGGTTG180
TGGGGCTGTG CACTGGGCAG ATCAAGACTG GTGCCCCTTG CCGATCTGAG CGCTTGGCCA240
AGTACAACCA GCTCCTCAGA ATTGAAGAGG AGCNGGGCAG CAAGGCTAAG TTTGCCGGCA300
GAACTTCAGA AACCCCTTGG CCAAGTAAGC TGTGGGCAGG CAAGCCTTCG GTCACCTGTT360
GGCTACACAG ACCCCTCCCC TCGTGTCAGT CAGGCAGTCG AGGCCCCGAC CAACACTTNC420
AGGGGTCCTG CTAGTTAGCG CCCACCGCCG TTGAGTTCGT ACCGTTCTTA GAATNTACAG480
AAGCCAANTC CTTGGAGCCT GTTGCANTCT A 511

Name: 160 Len: 638 Check: 251
GGGGCTCCTC TTCACTTTCT TTATCTTCAT CATCTGAAGA CTCTTCCTTG TTTTTCTTTT 60
CATCTTCATC ACTACTAGAT TCATCTGACA GAATTTCAGG ACATTTGGTT CGCTTAGCCT120
TACTTGCCAT TCCAGAACTG TTCCGGTCCT TTTTACTGCC TTTGCTACAA GACTTTTTAA180
ATTTCGGCAA TGGTTTGCCA GAACGCTTTG GATGCATTAA GAAATTCAAG ATCCTCTTCA240
CTAGTTCACT ATTTACACCT GATCTCTCCA AATCAAGAAC CTCACAGATG CTCTTTAACA300
TGGCATTTCT AAACTTTTTC AACATTTCTT CCTTCTTTTT ATATTGGACA CTTCCTTTTT360
CAAATGGAAA GCCACTGAAC TGACCCACAT TCTTCTTTAA TGAGGACACA CAGCCTGGCC420
TGTTGTAAAG CACTTTGTGT ACATATCTAA GATCATCCGT TTTCTTCTTA CTTAGAAAAA480
CATGTATGCT CTCAATTTCA CAAAGCGTCT GCCGCTTTCC TTGCTGCATT GTAAATTGCT540
CTCTCTGCAG GGAGAGACGT GCATTGGCAC CTCTCTACTT TTTCTTTTCC CTCTTGCCTT600
CCCGAAAGAA CCTTTTTTTT TCTTCCTCCT CTTCTCTC 638

Name: 161 Len: 845 Check: 445
GAATTCGGCA CGAGCCTGTC TGGAGGAGTG GTAGTGAGTG CTATATTCTT CATTTTGTCT 60
GCCAATATCT TATCATCTCC CTCTAAGAGA GGACAAAAAG GTACCCTTAT TGGATATTCT120
CCTGAAGGAA CACCTCTTTA TAACTTCATG GGTGATGCTT TTCAGCATAG CTCTCAATCG180
ATCCCTAGGT TTATTAAGGA ATCACTAAAA CAAATTCTTG AGGAGAGTGA CTCTAGGCAG240
ATCTTTTACT TCTTGTGCTT GAATCTGCTT TTTACCTTTG TGGAATTATT CTATGGCGTG300
CTGACCAATA GTCTGGGCCT GATCTCGGAT GGATTCCACA TGCTTTTTGA CTGCTCTGCT360
TNAGTCATGG GACTTTTTGC TGCCCTGATG AGTAGGTGGA AAGCCACTCG GATTTTCNCC420
AAGGGTACGG CCGAATAAAA ATTCTGTCTG GATTTATNAA TGGGCCTTTT TCCAAANAGN480
AAANAGCGGT TTTTGGGGTT ANGGGAGNCA AGNGGCAAGA TGGATTGGAN CCCCCAGGAA540
TTAAGGCNNC CCACANNGNA AACACCCAGN NCCANTTGGN GGGNGNNNAA NNAAACCCTN600
ANTGGGACCN GGGNCCTTNA NCCAAGGCCC AAGNCANGCC CAGGGGGGCT CCNCAAGGGG660
AGNNGCANCN AAANNGGGNC AAAGGNCTTT CAAACNCANN GGNGGGGNCA AGGGACCCNG720
GGGGNGGGGC AACCNCGGGG TNNGGGGGGG GNGNAAAACN CAAAANNGGG GGGNATCCCA780
AAAGGTTGGG AAAAACCNTG GNAAAANGGG GGNNCGNNCC AAAGGCCNAA AAANGNGTGG840
GGGGC 845

Name: 162 Len: 496 Check: 176A
TGTAATACCT CCTCATCTTT TCTTCTTACA CAGTGTCTGA GAACATTTAC ATTATAGATA 60
AGTAGTACAT GGTGGATAAC TTCTACTTTT AGGAGGACTA CTCTCTTCTG ACAGTCCTAG120
ACTGGTCTTC TACACTAAGA CACCATGAAG GAGTATGTGC TCCTATTATT CCTGGCTTTG180
TGCTCTGCCA AACCCTTCTT TAGCCCTTCA CACATCGCAC TGAAGAATAT GATGCTGAAG240
GATATGGAAG ACACAGATGA TGATGATGAT GATGATGATG ATGATGATGA TGATGATGAT300
GAGGACAACT CTCTTTTTCC AACAAGAGAG CCAAGAAGCC ATTTTTTTTC CATTTGATCT360
GTTTCCAATG TGTCCATTTG GATGTCAGTG CTATTCACGA GTTGTACATT GCTCAGATTT420
AGGTTTGACC TCAGTCCCAA CCAACATTCC ATTTGATACT CGAATGCTTG ATCTTCAAAA480
CAATAAAATT AAGGAA 496

Name: 163 Len: 491 Check: 21BF
TAAGGATTAA AAACGATTTT AATTATACAC ATATGGTCAC AATTTTGCCT TAAAAAGATT 60

126

GTTGGGAAAT GTACATAAGG CCGCTTGTAA ATGTACATCG TGTTACTGTT ATGTCTTATG120
TCCAGAGGAA AAAATGTTAT CATACAGATT TGCTCTTACT TGGGAGTAGG CTATTCAAAA180
ATACAGTACT CTTCTGTACA AAGAAAAAAG TCACATCACA TTTAATAAGA TGAAAAAAGC240
ATTGGCCTCC ATGGTAACCA AATATCTCAG TCCAATACTT TCTATTATGC ACAATACCCT300
GACTTCAATT GAAAGTGATC CAAATTCTAG CAGGTCCATA TTAACAGTCA ACAACTATGT360
TATAAAACAA AATGATCTCA CAATAATAAA AAGAAAGCTG GTTCATACTT CTGAAACCAT420
ATAAAGATAA AAAATTTTTA AAAAATCACT CTCGATTTGG AGAAATAAAT TTACATTATA480
CAACACTATA T 491

Name: 164 Len: 457 Check: 1689
TTTTTCTGTT TATGACACTT TATTGATGCT GGGGGGGTGG GGAGGAGACC TGGAGAAATA 60
TGTGGGGGCA AGAGTCCCCA GGTGGGGACA GGGAAAGTGT TGAAGCCTGG CCACTACTGG120
GCAGGGAAGA CAGAGTTGCC ACTGTATGCA CAGGGGATGA GCAGCTGCCG GTACTCCAGG180
GGCAGGTGCC GCTCCACTAG CACGTGCAGT GAGACTTGGT CAGTGACCAG GCCCTGCCGC240
CGCATCAGCA GCTCCAGGTC CTCTGGCTTC ACAGTCTTGC GGCCAGCATG AGCAGCAAAT300
ACCTCCAGAT CATCACAAAG ATGCTGGAAA TATTTATCTA GGCACTTCTC CACCATCTCA360
AGAGCCTTCC TCTCCATGGG CATCTTGGCA TAGAAGCTAA AGAGTTTCAC ATAGTGGCTC420
AGTCCAGCCT TGTGGGGATC TTGCCGGNGC CTGNGGC 457

Name: 165 Len: 477 Check: 17AD
TTTTTTTTTT TTTTAGTTTT CTTCCCAAAT GGTTCCTCAG CCCCAGTGCT GGGCCCTGAA 60
ATAGGCCCAG CTCCCTGTAT AGTTCCCACA GAGCTGGCCA CACCATAAGT CAGGGGCAAA120
CTGGAACTGT GGGAAGGAGC TGCAGCCTGT ACTTCCCCTT CAGTTAGAGC CTGAAGCTGG180
AGGAGCTTCT TTAGCAAGTA CCTTCTTTCT TCTTTTGCTT TAAGAAATTT TTCCTCAAGA240
CGAGCAATTT CATCACAAAT AGCAGCATTT TCAAACACCG TGGCCTTGGC CGCTTTGCGC300
AGCCGCAGGT ACTTCAGCCG GTACTTCTCA TTCTGGCTCT TCTTCGGGAG CTTTTTCATC360
CTGGCCTTGC TGGACTGCAG CGGAGCCCGC GGCGAGGAAG CGAGGCCGTC CAGCAGGCTC420
ATGGTCCAGC CCCGCTACGG GGGCCCCAGG ACGCTGCCGG CATCGGATCC TAAGTCG 477

Name: 166 Len: 468 Check: 19A4
GAGAAGACGA CAGAAGGGGC TACTGCGGCA GAACCAGAGG GCCCTGAACC GTGCCATGCG 60
GGAGCTGGAC CGCGAGCGAC AGAAACTAGA GACCCAGGAG AAGAAAATCA TTGCAGACAT120
TAAGAAGATG GCCAAGCAAG GCCAGATGGA TGCTGTTCGC ATCATGGCAA AAGACTTGGT180
GCGCACCCGG CGCTATGTGC GCAAGTTTGT ATTGATGCGG GCCAACATCC AGGCTGTGTC240
CCTCAAGATC CAGACACTCA AGTCCAACAA CTCGATGGCA CAAGCCATGA AGGGTGTCAC300
CAAGGCCATG GGCACCATGA ACAGACAGCT GAAGTTGCCC CAGATCCAGA AGATCATGAT360
GGAGTTTGAG CGGCAGGCAG AGATCATGGA TATGAAGGAG GAGATGATGA ATGATGCCAT420
TGATGATGCC ATGGGTGATG AGGAAGATGA AGAGGAGAGT GATGCTGT 468

Name: 167 Len: 399 Check: BC8
TTTTTTTTTC TTAGGTTTAT AATCAGCATC ATCCTCATCT CGAGGTCTCT TTAATGGCTT 60
TATATCCTCT TTAGGAGGAA CAAAATAGCC ATCATCTTCA GGTTCATCTT TAATTTGTGG120
TGGACTAGAG AAGCCATTTT CCTTCTCCTT CTTTATTTTT GCATCCCCAG AGGCTCGAAC180
CTTTTCCTCT TTTCGTTTTT CCTTGTCTCT GTCTTTATGT TTGTCTTTAT GCTTTTCTGA240
GCTTCCATCT TTGTGTTTGG TCTTCTCCTT CTCTTTGTGT TTCTTTTCAG AATCTTTATG300
TTCACTGTTG CTATGCTTGG ACTTTTCCCG GNCCTTCTCC TTTCTGGGTT CTTTTGNGCC360
GNGGTCTCGA TCCTTTGGTT ATTTTTGTGT TATGAGAAT 399

Name: 168 Len: 557 Check: F21
GAGCCCAAGC GCCTTCTCCG CACCAGGGAA GCCCCACCCA CCAGAAGCCA AGATGTCCAG 60
CAAGCGGGCC AAAGCCAAGA CCACCAAGAA GCGGCCACAG CGGGCCACAT CCAATGTCTT120
CGCAATGTTT GACCAGTCCC AGATCCAGGA GTTTAAGGAG GCTTTCAACA TGATTGACCA180
GAACCGTGAT GGCTTCATTG ACAAGGAGGA CCTGCACGAC ATGCTGGCCT CGCTGGGGAA240
GAACCCCACA GACGAATACC TGGAGGGCAT GATGAGCGAG GCCCCGGGGC CCATCAACTT300
CACCATGTTC CTCACCATGT TTGGGGAGAA GCTGAACGGC ACGGACCCCG AGGATGTGAT360
TCGCAACGCC TTTGCCTGCT TCGACGAGGA AGCCTCAGGT TTCATCCATG AGGACCACCT420
CCGGGAGCTG CTCACCACCA TGGGTGACCG CTTCACAGAT GAGGAAGTGG ACGAGATGTA480
CCGGGAGGCA CCCATTGATA AGAAAGGCAA CTTCAACTAC GTGGAGTTCA CCCGCATCCT540
CAAACATGGC GCCAAGG 557

Name: 169 Len: 564 Check: 163
ACGACTTGGC CATGCTGAAA CAGATGAACA ATTACAGAAT ATTATATCTA AATTCCTTCC 60
TCCTGTTTTG CTCAAACTCT CTAGCACCCA AGAAGGAGTA CGTAAAAAGG TAATGGAACT120
GCTGGTCCAT CTGAATAAAC GTATAAAAAG CCGCCCCAAA ATACAACTTC CAGTAGAGAC180
ACTGTTGGTT CAGTACCAGG ACCCTGCTGC AGTTTCCTTT GTCACAAATT TTACTATAAT240
TTATGTTAAA ATGGGCTATC CTCGCCTACC AGTGGAAAAA CAATGTGAAC TGGCCCCTAC300
GCTTCTTACT GCCATGGAAG GGAAGCCTCA GCCACAGCAG GATAGCTTAA TGCATCTTTT360
AATACCAACC CTTTTTCACA TGAAATACCC TGTTGAATCA TCAAAATCAG CTTCTCCATT420
TAATCTTGCT GAGAAACCAA AGACTGTGCA GCTGCTTTTG GACTTCATGC TAGATGTCCT480

127

TCTGATGCCT TATGGTTACG TGTTAAATGA ATCCCAGAGT CGCCAAAATT CATCTTCAGC540
ACAGGGTTCT TCTTTCAACA GTGG 564

Name: 17 Len: 338 Check: 14BF
CAATGCTTGA AGTATAAAAA GCTGAGAGTG TTCTCGGGCA GGGAGTCTCC AGAACCAGGA 60
GAAGAAGAAT TTGGACGCTG GATGTTTCAT ACTACTCAGA TGATAAAGGC GTGGCAGGTG120
CAGATGTAGA GAAGAGAAGG CGATTGCTAG AGAGCCTTCG AGGCCCAGCA CTTGATGTTA180
TTCCGTGTCC TCAAGATAAA CAATCCTTTA ATTACTGTCC GATGAATGTC TGCAGGCTCT240
TGAGGAGGTA TTTGGGGTTA CAGATAATCC TAGGGAGTTG CAGGTCAAAT ATCTAACCAC300
NTTACCAGAA GGATGAGGAA AAGTTGTCGG CNTATGTC 338

Name: 170 Len: 457 Check: A6C
GATTGTATGG TGGGGTGGTG ACCTATTTTT ACAAATTATA CCTAATGAGT AAAATTAGTG 60
TAAAGTGATA ACATGCTTCT ACCTGTATTT CTAGTGACCC TTTAGCGGCA GGTATTTATA120
CCTGGTATTT ATGATGCAGT ATATAAGTGG TGAACAATAA CTGACAGTAT TGTGCTTGCT180
GTACATGTCT GGTCTTTTGA AACAGATTTT AGTAAGCATT TTCCAGAGGT AAAACTGTGT240
CCTTATTCTA ATTTTATTCC TAGGGCAAAG TAGACAGGGA TTATTTCCTT GAATCTATTT300
CCAAATTAAT ATTTTTTTCT TTGGTATTTC TACACTTTAA GGCCATTTGG TGCAATTTAG360
AAAGTGTTGG CCTCCCTTCC GCTAGCCACA TTCANAATTA ACTTCCAAAA CCTCAGGAAC420
AGTACAAAGA ATTGAAACCC TCAATATGGC AGCACAG 457

Name: 171 Len: 527 Check: 703
TTTTTTTTTT GATGGATACT AAGGGAGTAT TTTACTGAAA AAAATAGAAA ACTACATTTT 60
TACACGAAAT AAACTTATGT CTGCAATACT CAGCCTTAAA TTCACCCCTC ACTTCAGAAG120
AGGTCCCAGG GGCAGGAATA ACACGCACAG ATTGTTTGTT CACGACTTCC AGCCGGTCCA180
CCAGACCTCT GGCCAGGTAA TACTGTACAA AGTGCTTCCA CGTGATTTCT CTTCCAGGAT240
CTCGAAAATA GAGGTAGAAA AATCCCATGG CAACGCCTGC CCCCAAAAGG GCCAGACTGC300
GGAAATCCTC GTCATCCCAG GGGAAGTCCC CCCTTCTGCA TCCGCCTCCA CCAGGCAACG360
TTATCCTGCT TCCCTCCTCT CCTGCCTCCG TCTCCTCCAG ACTCAGCATT CTCTAGTTCA420
CCAGTCTCTT TGGGTGGTTT TGAACACAGC CACCAGGAAA ATAACGTCGG TCTTGCCTGC480
AGAGTCAGCT TCTGAACGTG GATCCCCTGG AAGCACTGGA ACAGGAG 527

Name: 172 Len: 546 Check: 101E
CGGCACGAGG GACAACGCAG CCTGATAAAC AAGTGGACGA CTTTTCTTAA GGCCAGACTG 60
ATTTGCTCAA TTCCTGGAAG TGATGGGGCA GATACTTACT TTGATGAGCT TCAAGATATT120
TATTTACTCC CCACAAGAGA TGAAAGAAAT CCTGTAGTAT ATGGAGTCTT TACTACAACC180
AGCTCCATCT TCAAAGGCTC TGCTGTTTGT GTGTATAGCA TGGCTGACAT CAGAGCAGTT240
TTTAATGGTC CATATGCTCA TAAGGAAAGT GCAGACCATC GTTGGGTGCA GTATGATGGG300
AGAATTCCTT ATCCACGGCC TGGTACATGT CCAAGCAAAA CCTATGACCC ACTGATTAAG360
TCCACCCGAG ATTTTCCAGA TGATGTCATC AGTTTCATAA AGCGGCACTC TGTGATGTAT420
AAGTCCGTAT ACCCAGTTGC AGGAGGACCA ACGTTCAAGA GAATCAATGT GGATTACAGA480
CTGACACAGA TAGTGGTGGA TCATGTCATT GCAGAAGATG GCCAGTACGA TGTAATGTTT540
CTTGGA 546

Name: 173 Len: 710 Check: 316
CTCTTCTTCT ATCTGGGCTT TCTTTTGAGC TCTTCTTTGT TTATTACGTA GCTTCTTTAG 60
CTCTTTGTCA GACATGTTTG CTGTATCAGC TTCGTGTTCT TTATTCTCAT CTGTAAGGGG120
GTTGTCATGA AGCTTCAAAT AGATCTCTAT AGCAATTCTT GCTGCCTTGA AGTAAAATGG180
ATGCTGTCGA AGTACATCTT CTAGTTTTAA TAAGTCCACA TATGATCTAA GGGTAATCTT240
CCTCATACAG TATGTATGAA AGTCAAACTG GTCATCAGTG ATTTCTATAA AATGTCTCTC300
AATCTCATGA CATTTCTTAA GTGCTTCACC AAATTTATTC ATTGCTTTAT AAGCCTGGGC360
ACATTCTGTT TGGAACCACA TGCACTGCAT TTCATTCAAA TTCTCTACCG CTGATGTTCC420
TTCCCTTGTA AACTTTGAGC ACATTTCTTC AGCTTCTTTA ATCAGGTTGG CTTTTAGCAT480
GTATTTTGCA CATTTGGAGT TGATAAATCT GTCTGCTGTG TCCAAGGCCT GNGCCTCATC540
CATCCACCTT GCAGCTTCTT TAATATTTCC AGCATGCTTA TAGATTTTAG CTNTCACGAG600
AAAGANGTCT ATTAATGTAG TGTACTNTCA ATAGCAGTAT TTATGTACTC CANAGCANTA660
GATGGCTGAC CAATTTTGTC ATAATGGTGT GCCAAGTAGT ACTTGACCCA 710

Name: 174 Len: 409 Check: 6EF
GGCACGAGCA TTACTACATG TCCACAGGAA GTACAAAAGC CATCTTCATT TGAACGTAAA 60
TACAATAATC CTGAAATTCT TAGCACCAAG TATTACTTTT AAAAGTAAAG ACAACCGAGT120
GCTCTCCCCA CATATTGTTG ACTTCCTTCT ACTCACACTG CATGTCATTT GAGATTTTAA180
AAAGTTAGCT GCCACAGTTT TGGAAAATGC CAGTGTTTAA AAATAATTGT GTTAAAGAAT240
CAAAAGTTTA GCGTAACAGA TTTTGAGTAC TTCAAACCAT TCAATGTTAC AAAGAAAAGT300
GAAAATACCA TTCTTTGGTC TAGATTAGCT GTTCCCTTTA CATTAATTTA ACATTCCGAT360
GGCTTTTTGA AAACTTTAAA AATGTTGAAA CTCACTAGAC AAAACAAAA 409

Name: 175 Len: 410 Check: 152D
GGCACGAGCT TTGCAGGGAA TGAATACTGG ATCTACTCAG CCAGCACCCT GGAGCGAGGG 60
TACCCCAAGC CACTGACCAG CCTGGGACTG CCCCCTGATG TCCAGCGAGT GGATGCCGCC120

128

TTTAACTGGA GCAAAAACAA GAAGACATAC ATCTTTGCTG GAGACAAATT CTGGAGATAC180
AATGAGGTGA AGAAGAAAAT GGATCCTGGC TTCCCCAAGC TCATCGCAGA TGCCTGGAAT240
GCCATCCCCG ATAACCTGGA TGCCGTCGTG GACCTGCAGG GCGGCGGTCA CAGCTACTTC300
TTCAAGGGTG CCTATTACCT GAAGCTGGAG AACCAAAGTC TGAAGAGCGT GAAGTTTGGA360
AGCATCAAAT CCGACTGGCT AGGCTGCTGA GCTGGCCCTG GCTCCCACAG 410

Name: 176 Len: 473 Check: 26B9
TTTTTTTTTT TTTTTTTTAC AAAGGAAAAC AAAGCTACTT TTGGTTTTGG CAACATTAAA 60
AAAGAAAGAA ATATAAAAAG CAATGTGGCA TTGGTCCCTA TTCATTAAAA AAAAAGGGTA120
CTTGGGCACG ACACAATCAG AATTAGTTTG TTTTCTAAAA TTCAGAGTAT CTGGGATTTT180
AAAAGTAGCA CTTTTTAAAA AGTTCAACAA GTCACATAAC ACTTAAAACA TCAAAAAAGC240
TTTCTGATAA AAAGCTCAGC TTTTAAATCA CGTTTTGTTT CTGCAAATTT GGGAGACAAA300
TTGAGTTCTT ACTGGAATGT GGCCTATCGC TGGTTGACAA ATCTGAAATG GAATGTCTCC360
AAATGGCAGT GCCTCCCTTT CCGCCCTCCC TAGGACCACA CCAATAACCA GCTCCCAAGC420
ACAAGTTCTT GCTCCCATTT TTTCTGTAGG GGTGGGGGTG GGACCTTCAG GCT 473

Name: 177 Len: 423 Check: F88
TTTTTTTTTT TTTTTTTTTA CAAAGCTTTC TGTAAATATT TTATTTTCCA TATTTTAGAG 60
TCAGAAAGAA GCGCTTGGTA ATAAAAATAA TAGAGAATTA TTTTCTTCAA GCCCGCTCTG120
CGCTGCGCCG GCCTCCCCGC GCCCGGGCCC ACGGCTGAGT GCGCGGCGTC AGAGGCCCCA180
AGTCCATCTC ACTATTTACA GATATGTTAC AGGCCGGGAT GGTCACAGAG GAAAGCCCAG240
CTCTCAGCAT GGCCCCACGT GGTGAGGAGC CCCCAGGCTC CTCCCGGCTG TCTCGGACAG300
AGACTGAGAA GCCTGCCGCG TCCCGTGGGG GCCTAGGCTG CGGCGGGCTC CACGGGGGGG360
CAGGAGTGGG CCGTGATGTC GCTGTGCTTG TACGCCGCCT CGTCCAGGTC CAGCAGCCTC420
CGG 423

Name: 178 Len: 304 Check: 1952
TCAGGTTCAA GTGCTGGATT GTGTCATGTG ACCATCCCAA AACTCAGAGC ACCCTATGGC 60
CGTCTTTGCC CTCTGTCACA TAACTTGAAA ACTGCCTGAT GGCCTTTTTG CAGTGGTTCC120
CTCCAGGAAG CCTTGATCTC AGTTGAAGAA GTTCTTTCCT GGCATTCCAA TGCCCCTGTC180
AGCTCCATAC TCCTCAGACA CCCTTAACAA AGGCTGTCAT GCACACAATG TGACAAATAC240
ACAAAATAAA TGATAATTAC ACTAATAATG ATATGTTCAG AGGGGCACTG GCCAGGTCCA300
CACA 304

Name: 179 Len: 541 Check: 1295
GGGGCAAAGA AAAATGTGAA GGATTCGAAC TGCACTTCTG GAGAAAAATA TGTCGTAACT 60
GCAAGTGTGG CCAAGAAGAG CATGATGTCC TCTTGAGCAA TGAAGAGGAT CGAAAAGTGG120
GAAAACTTTT TGAAGACACC AAGTATACCA CTCTGATTGC AAAACTAAAG TCAGATGGAA180
TTCCCATGTA TAAACGCAAT GTTATGATAT TGACGAATCC AGTTGCTGCC AAGAAGAATG240
TCTCCATCAA TACAGTTACC TATGAGTGGG CTCCTCCTGT CCAGAATCAA GCATTGGCCA300
GGCAGTACAT GCAGATGCTA CCCAAGGAAA AGCAGCCAGT AGCAGGCTCA GAGGGGGCAC360
AGTACCGGAA GAAGCAGCTG GCGAAGCAGC TCCCTGCACA TGACCAGGAC CCTTCAAAGT420
GCCATGAGTT GTCTCCCAGA GAGGTGAAGG AGATGGAGCA GTTTGTGAAG AAATATAAGA480
GCGAAGCTCT GGGAGTAGGA GATGTCAAAC TTCCCTGTGA GATGGATGCC CAAGGCCCCA540
A 541

Name: 18 Len: 245 Check: E67
AGGAAATTAA CATTTTGATA CCCATGCATT GGTTCAGGAC NTTGGAAACT CATGGNTTTG 60
ACAAAACACA AGCAGAAACA ATTGTATCAG CGTTAACTGC TTTATCAAAT GTCAGCCTGG120
ATACTATCTA TAAAGAGATG GTCACTCAAG CTCAACAGGA AATAACAGTA CAACAGCTAA180
TGGCTCATTT GGATGCTATC AGGAAAGACA TGGTCATCCT AGAGAAAAGT GNATTTGCAN240
ATCTG 245

Name: 180 Len: 685 Check: 531
TCGTGGAACA AAAGTTATCC TACACCTGAA AGAAGACCAA ACTGAGTACT TGGAGGAACG 60
AAGAATAAAG GAGATTGTGA AGAAACATTC TCAGTTTATT GGATATCCCA TTACTCTTTT120
TGTGGAGAAG GAACGTGATA AAGAAGTAAG CGATGATGAG GCTGAAGAAA AGGAAGACAA180
AGAAGAAGAA AAAGAAAAAG AAGAGAAAGA GTCGGAAGAC AAACCTGAAA TTGAAGATGT240
TGGTTCTGAT GAGGAAGAAG AAAAGAAGGA TGGTGACAAG AAGAAGAAGA AGAAGATTAA300
GGAAAAGTAC ATCGATCAAG AAGAGCTCAA CAAAACAAAG CCCATCTGGA CCAGAAATCC360
CGACGATATT ACTAATGAGG AGTACGGAGA ATTCTATAAG AGCTTGACCA ATGACTGGGA420
AGATCACTTG GCAGTGAAGC ATTTTTCAGT TGAAGGACAG TTGGAATTCA GAGCCCTTCT480
ATTTGTCCCA CGACGTGCTC CTTTTGATCT GTTTGAAAAC AGAAAGAAAA AGAACAATAT540
CAAATTGTAT GTACGCAGAG TTTTCATCAT GGATAACTGT GAGGAGCTAA TCCCTGAATA600
TCTGAACTTC ATTAGAGGGG TGGTAGACTC AGAGGATCTC CCTCTAAACA TATCCCGTGA660
GATGTTGCAA CAAAGCAAAA TTTTG 685

Name: 181 Len: 207 Check: A9C
TTCTCAGAGG AACGAGAATG AATATGACTC AAGCCCGGGT TCTGGTGGCT GCAGTGGTGG 60
GGTTGGTGGC TGTCCTGCTC TACGCCTCCA TCCACAAGAT TGAGGAGGGC CATCTGGCTG120

TGTACTACAG GGGAGGAGCT TTACTAACTA GCCCCAGTGG ACCAGGCTAT CATATCATGT180
TGCCTTTCAT TACTACGNTT CAGAATC 207

Name: 182 Len: 530 Check: A17
AAATCATTCT GGTTCACGGA CACCTCCAGT AGCACTCAAC AGTTCCAGAA TGACCTGCTT 60
CAGTCGTCCT AGCATGTCCC CAACACCTCT TGATCGCTGC AGATCACCTG GAATGCTTGA120
ACCCCTTGGC AGCTCTAGAA CACCCATGTC TGTCCTGCAG CAAGCCGGCG GCTCCATGAT180
GGATGGTCCA GGTCCCCGAA TACCTGACCA CCAGAGAACA TCTGTGCCAG AAAATCATGC240
TCAGTCCAGG ATTGCACTTG CCCTGACAGC TATCAGTCTT GGCACCGCTC GGCCTCCTCC300
GTCCATGTCT GCTGCTGGCC TTGCTGCAAG AATGTCCCAG GTTCCAGCCC CGGTGCCTCT360
CATGAGTCTC AGAACCGCAC CAGCAGCCAA CCTTGCCAGC AGGATTCCTG CAGCCTCTGC420
GGCAGCCATG AACCTAGCCA GCGCCAGGAC ACCTGCCATT CCAACAGCAG TGAACCTGGC480
TGACTCTCGA ACGCCAGCTG CAGCAGCGGC CATGAACTTG GCCAGCCCCA 530

Name: 183 Len: 526 Check: 7E1
TGTAGATCAA CTGAGGCATC TACTTGTGAG TAATGTGGGA GGAGATGGAG AAGAGATTGA 60
AAGATTCTTT AAATTACATC AGGAAGACCA GGCTTGTGCA ACTTGCCTTA TTCTTGCTTG120
CTCCACTGCT GCCTGTGATA GAGAAGTATC TGCCTGGGCT ACTCGGGCTT TCTTTAGGTA180
TGGTGGTGAA GCACAGATGA GATTTCCAAC CACTCTTCCG CCTCCAAGTA ATGTTGGTCC240
CATCTTGGGG TCTCCTGTCT ATTCTAGTTC TCCTGTTCCT AGTGGTAGTC CCTATCCAAA300
TCCATCCTTT TTGGGAACAC CGTCTCATGG TATACAGCCT CCTGCCATGT CAACTCCAGT360
GTGTGCTCTG GGAAACCCAG CAACTCAGGC CACAAATATG AGTTGTGTGA CTGGACCAGA420
GATTGTGTAC TCTGGAAAAC ACAATGGGAT TTGCATTTAC TTTTCTCGGA TCATGGGAAA480
CATTTGGGAT GCAAGCTTAG TTGTGGAGAG AATATTCAAG AGTGGC 526

Name: 184 Len: 612 Check: 1418
GAAGAAGAGG AAGAGGAGGA GGAGGAAGAG CAGCCGCAGG CAGCACAGCC TCCCACCCTG 60
CCCGTGGAGG AGAAGAAGAA GATTCCAGAT CCAGACAGCG ATGACGTCTC TGAGGTGGAC120
GCGCGGCACA TCATTGAGAA TGCCAAGCAA GATGTCGATG ATGAATATGG CGTGTCCCAG180
GCCCTTGCAC GTGGCCTGCA GTCCTACTAT GCCGTGGCCC ATGCTGTCAC TGAGAGAGTG240
GACAAGCAGT CAGCGCTTAT GGTCAATGGT GTCCTCAAAC AGTACCAGAT CAAAGGTTTG300
GAGTGGCTGG TGTCCCTGTA CAACAACAAC CTGAACGGCA TCCTGGCCGA CGAGATGGGC360
CTGGGGAAGA CCATCCAGAC CATCGCGCTC ATCACGTACC TCATGGAGCA CAAACGCATC420
AATGGGCCCT TCCTCATCAT CGTGCCTCTC TCAACGCTGT CCAACTGGGC GTACGAGTTT480
GACAAGTGGG CCCCCTCCGT GGTGAAGGTG TCTTACAAGG GATCCCCAGC AGCAAGACGG540
GCCTTTGTCC CCCAGCTCCG GAGTGGGAAG TTCAACGTCT TGCTGACGAC GTACGAGTAC600
ATCATCAAAG AC 612

Name: 185 Len: 433 Check: C75
GTTTCTTCCA GACAAAGGAA TATCAAAACA CTTCGGCACA AGTACAACAA AGGCATGGGA 60
AGATCATGAT AATGTTTTAC ATCACATTTT ACAGCATTTT ATTTTAATCA GTATTTGTAG120
AAAACAAGGA TGCTGAGTTC TTGAACACTG CAGTCACAAA CTCAAACTAA AATTTCCAAA180
AAAAGGAAAG AAAACACTGA ACTACTTGGT CAACTGAACA TCTGTAATAA TAAATGTAAC240
GAAACCTAAC CAAATAAATA TGCCACTGAG ATCACAACTG AAGTGTATGG TTTTTAGTGT300
GTGCCAGAGA CATTAAATTA TTTAATCAGT TTTTGACTAC AACCCAAAGC AAAGCATCCT360
CTCTGTTTCC CTGATGATTT ATTCTAAAAG TAACCTTAAA AAGCAGAAAC TTGCTGGTTA420
AAGAGAATTT CTG 433

Name: 186 Len: 377 Check: 2316
ATAATGCAAG CCCTTGCATG GCAATCCAAA TTTATTGAAC TACTGATGCT AAGTTATACA 60
AAATTGCACC ACTTTAATTA AGGCTTTTAG TTTACATTTG GCCACCTCAA AGTAGTTGTA120
ACATTAGGTT GGTCAATTTA AATACTGTGG CTCCCTGTTG GATAGACACA CAATCTTTAC180
ATCCAAACAT TAATGCATAC AAAGCAACAA GGCATTGTTA AATAAAACAG CAATAGTTAC240
TGCAAATTAG GCCTTGTGAC CAATTACATA TGATTAAAAT TACTTCCCAC ATTCACATCC300
ACAGTNACTC GTCCACCATT TAACATCTCA CCAANNACGT TACACATGTG AAACAATCAC360
TAACAGGCAA AAATACT 377

Name: 187 Len: 413 Check: 6F4
GCTGTAGGTC GAGGGGAAGA CTTAGACTCC TTCTTTATAT TGGGTTTCCT TGAGCCTTTG 60
GTGGCTGCTT TGTGTCTGCT GGAGGGCATG CTGCTAGCCA AGTCTACAGG GGTTTCACTT120
TCTATCTTCA GGCCTCCACG AGGCTCTTCA GCAGCTGCCT TCTCAGCCTT TTTGGGTTGT180
TTTTTGCCTA CAGTTCTTCT CTGTGTTGTG CTGTCACTCT GTGCAGGAGA TTTCTGCCTC240
CCACGCCCAC TTTCTGATCC CTTTTGGATG GTTTTGGAGT CTCGTCCCGG AGTAGCGGAA300
CTCGTTTCTT TAGGTCCACT TGTATCAGTG TAGCTATTCC CAGTGCCCTG CTCTCGGCCT360
TCCTTTTTGT AGCCTTGAGA TGATGGGATG TTACTGTCCA CTGAAGAGGC GGG 413

Name: 188 Len: 378 Check: 13F6
CTGAAAAGCC ATCTTTGCAT TGTTCCTCAT CCGCCTCCTT GCCCGCCGCA GTCGCCTCCG 60
CCGCGCGCCT CCTCCGCCGC CGCGGACTCC GGCAGCTTTA TCGCCAGAGT CCCTGAACTC120
TCGCTTTCTT TTTAATCCCC TGCATCGGAT CACCGGCGTG CCCCACCATG TCAGACGCAG180

130

CCGTAGACAC CAGCTCCGAA ATCACCACCA AGGACTTAAA GGAGAAGAAG GAAGTTGTGG240
AAGAGGCAGA AAATGGAAGA GACGCCCCTG CTAACGGGAA TGCTAATGAG GAAAATGGGG300
AGCAGGAGGC TGACAATGAG GTAGACGAAG AAGAGGAAGA AGGTGGGGAG GAAGAGGAGG360
AGGAAGAAGA AGGTGATG 378

Name: 189 Len: 545 Check: 214D
TCTGTCAGAA GTTGTAGCAG TGTTGTATAC TGTTTGATTT CATGGACTCT GTTTCAGACT 60
TGAAGAGCAA AGAAATTAAA AGAGCAACAC TGAATGAACT GGTTGAGTAT GTTTCAACTA120
ATCGTGGTGT AATTGTTGAA TCAGCGTATT CTGATATAGT AAAAATGATC AGTGCTAACA180
TCTTCCGTAC ACTTCCTCCA AGTGATAATC CAGATTTTGA TCCAGAAGAG GATGAACCCA240
CGCTTGAGGC CTCTTGGCCT CACATACAGT TGGTATATGA ATTCTTCTTG AGATTTTTGG300
AGAGCCCTGA TTTCCAGCCT AGCATTGCAA AACGATACAT TGATCAGAAA TTTGTACAAC360
AGCTCCTGGA GCTTTTTGAT AGTGAAGATC CCAGAGAACG TGACTTCCTG AAGACTGTTC420
TGCACCGAAT TTATGGGAAA TTTCTTGGAT TAAGAGCATT CATCAGAAAA CAAATTAACA480
ACATTTTCCT CAGGTTTATA TATGAAACAG AACATTTCAA TGGGTTGCTG AACTTCTTGA540
ATATT 545

Name: 19 Len: 304 Check: 187B
GATCAAACAA AGTCTGATAG TCTATGCAAG TAACCAGCCA TGTATTTGTA ACAACTTCTC 60
CCACAGTGGC TTCCACTTCA CACCCCAGCA GAGGAACCAC AGCATAATCC GCAACAGTTC120
TGCTCAGAAG GGACATGATT TTCCCAGCAT TTTCNTTTAA NNANGTTTGC GATGTTAGAT180
TCATTTTCAT TACTAAAACC CAAAACAAGG AAACTCTTTT GGCTAAATAA GCCTTCTTCA240
GTAATTGTNG AAACATCAGG GGACACAATG ACTTGACAGA AGACTGGGTT TTCCTTCTTT300
GGCA 304

Name: 190 Len: 648 Check: 1E8C
GGGTGTGCGA TTGTGTGGGA CGGTCTGGGG CAGCCCAGCA GCGGCTGACC CTCTGCCTGC 60
GGGGAAGGGA GTCGCCAGGC GGCCGTCATG GCGGTGTCGG AGAGCCAGCT CAAGAAAATG120
GTGTCCAAGT ACAAATACAG AGACCTAACT GTACGTGAAA CTGTCAATGT TATTACTCTA180
TACAAAGATC TCAAACCTGT TTTGGATTCA TATGTTTTTA ACGATGGCAG TTCCAGGGAA240
CTAATGAACC TCACTGGAAC AATCCCTGTG CCTTATAGAG GTAATACATA CAATATTCCA300
ATATGCCTAT GGCTACTGGA CACATACCCA TATAATCCCC CTATCTGTTT TGTTAAGCCT360
ACTAGTTCAA TGACTATTAA AACAGGAAAG CATGTTGATG CAAATGGGAA GATATATCTT420
CCTTATCTAC ATGAATGGAA ACACCCACAG TCAGACTTGT TGGGGCTTAT TCAGGTCATG480
ATTGTGGTAT TTGGAGATGA ACCTCCAGTC TTCTCTCGTC CTATTTCGGC ATCCTATCCG540
CCATACCAGG CAACGGGGCC ACCAAATACT TCCTACATGN CCAGCATGCC AGGTGGAATC600
TCTCCATACC CATNNCGATA CNCTCCCANT CCCAGTGGGT ACCCAGCT 648

Name: 191 Len: 339 Check: 127B
GCTGTTTAAG CTCAGGCTAA AGATGATATA AATAGAGGTG CACCATCCAT CACATCTGTC 60
ACACCAAGAG GACTGTGCAG AGATGAGGAA GACACCTCTT TTGAATCACT TTCTAAATTC120
AATGTCAAGT TTCCACCTAT GGACAATGAC TCAACTTTCT TACATAGCAC TCCAGAGAGA180
CCCGGCATCC TTAGTCCTGC CACGTCTGAG GCAGTGTGCC AAGAGAAATT TAATATGGAG240
TTCAGAGACA ACCCAGGGAA CTTTGTTAAA ACAGAAGAAA CTTTATTTGA AATTCAGGGA300
ATTGACCCCA TAGCTTCAGC TATACAAAAC CTTAAAACA 339

Name: 192 Len: 252 Check: 1228
TGATAGTGAT GGATGGACGC CGCTGCACTG CGCTGCCTCT TGTAACAGCG TTCACCTCTG 60
CAAACAGCTG GTGGAGAGTG GTGCCGCCAT TTTTNCCTCA ACCATAAGCG ACATTGAAAC120
TGCTGCAGAC AAGTGTGAGG NGATGGAGGA AGGCTACATC CAGTGCTCCC AGTTTCTATA180
TGGGGTGCAG GTGAAGCTGG GTGTGATGAA CAAAGGTGTG GCNNATGCTC TGTGGGACTA240
CGAGGCCCAG AA 252

Name: 193 Len: 272 Check: 27D
GACAAACAGG ACTACCCGCA GCCCTCGGAC CTGTCCACCT TTGTAAACGA GACCAAATTC 60
AGTTCACCCA CTGAGGAGTT GGATTACAGA AACTCCTATG AAATTGAATA TATGGAGAAA120
ATTGGCTCCT CCTTACCTCA GGACGACGAT GCCCCGAAGA AGCAGGCCTT GTACCTTATG180
TTTGACACTT CTCAGGAGAG CCCTGTCAAG TCATCTCCCG TCCGCATGTC AGAGTCCCCG240
ACGCCGTGTT CAGGGTCAAG TTTTGAAGAG AC 272

Name: 194 Len: 334 Check: 19FD
GAGANCCTGG AAAAATTAAC CACATGAGAN ACGATACACT AGCCCAGATG TTGACGTTGG 60
GAAATATCCG TNCTGGCAAC AAAATGATTG TNATGGAAAC GTGTGCAGGC TTGGTGCTGG120
GTGCAATGAT GGAACGAATG GGAGGTTTTG GCTCCATTAT TCAGCTATAC CCTGGAGGAG180
GACCTGTTCG GGCAGCAACA GCATGTTTTG GATTTCCCAA ATCTTTTCTC AGTGGTCTTT240
ATGAATTCCC TCTCAACAAA GTGGGACAGT CTTCTACATG GAACATTTTC TGCCAAGATG300
TTATCTTCAG AGCCAAAAGA CAGTGCTTTG GTTG 334

Name: 195 Len: 352 Check: 13BF
TTTTGGTTTT GTCAAATGTT TTATTGAGTG TAGACATCTG GAGTACTGTA AAACATGCAT 60
TATCTGTAGA TTCAAAAAGG AGCAAGCCAC ATTGTCCTCA CTGTCAAATG TGTCAGGCTT120

GGCATACATG ATGGAGATTA ATGAAGTATC ATGAGAGTAA TATGGTTCCT GAAAAGCTTC180
TACAATTTGG AGTAGGGTCT TAATCACGTG AAAAAGCAAA CTGTTCACAT TTAGTGAACC240
TGCATTTCAT GGAGGGGGGG GGGTACACAN TATTTTAATT TTAAAACAAA TAAAAATAAT300
TTGTTTGTCA AAGATTCCCA TCTCCCCAAC TTTATTTGTC GCATTGGTTT TC 352

Name: 196 Len: 355 Check: 9AF
TTATGAAGAA GAAATTATTC ATTTTAAGAA AGAACTTCGA GAACCACAAT TTCGGGATGC 60
TGAGGAAAAG TATAGAGAAA TGATGATTGT TATGAGGACA ACAGAACTTG TGAACAAGGA120
TCTGGATATT TATTATAAGA CTCTTGACCA AGCAATAATG AAATTTCACA GTATGAAAAT180
GGAAGAAATC AATAAAATTA TACGTGACCT GTGGCGAAGT ACCTATCGTG GACAAGATAT240
TGAATACATA GAAATACGGT CTGATGCCGA TGAAAATGTA TCAGCTTCTG ATAAAAGGCG300
GAATTATAAC TACCGAGTGG TGATGCTGAA GGGAGACACA GCCTTGGATA TGCGA 355

Name: 197 Len: 456 Check: A6C
GCACGAGTCT ACATCCAGAG GACCAAGAGC ATGTTCCAGA GGACCACGTA CAAGTATGAG 60
ATGATTAACA AGCAGAATGA GCAGATGCAT GCGCTGCTGG CCATTGCCCT CACGATGTAC120
CCCATGCGTA TTGATGAGAG CATTCACCTC CAGCTGCGGG AGAAATATGG GGACAAGATG180
TTGCGCATGC AGAAAGGTGA CCCACAAGTC TATGAAGAAC TTTTCAGTTA CTCCTGCCCC240
AAGTTCCTGT CGCCTGTAGT GCCCAACTAT GATAATGTGC ACCCCAACTA CCACAAAGAG300
CCCTTCCTGC AGCAGCTGAA GGTGTTTTCT GATGAAGTAC AGCAGCAGGC CCAGCTTTCA360
ACCATCCGCA GCTTCCTGAA GCTCTACACC ACCATGCCTG TGGCCAAGCT GGCTGGCTTC420
CTGGACCTCA CAGAGCAGGA GTTCCGGATC CAGCTT 456

Name: 198 Len: 422 Check: 1FAE
GCACGAGATA CTGTGAAATA CCTTTTCTCA CAAAAAGGCA AATATTGAAG TTGTTTATCA 60
ACTTCGCTAG AAAAAAAAAA CACTTGGCAT ACAAAATATT TAAGTGAAGG AGAAGTCTAA120
CGCTGAACTG ACAATGAAGG GAAATTGTTT ATGTGTTATG AACATCCAAG TCTTTCTTCT180
TTTTTAAGTT GTCAAAGAAG CTTCCACAAA ATTAGAAAGG ACAACAGTTC TGAGCTGTAA240
TTTCGCCTTA AACTCTGGAC ACTCTATATG TAGTGCATTT TTAAACTTGA AATATATAAT300
ATTCAGCCAG CTTAAACCCA TACAATGTAT GTACAATACA ATGTACAATT ATGTCTCTTG360
AGCATCAATC TTGTTACTGC TGATTCTTGT AAATCTTTTT GCTTCTACTT TCATCTTAAA420
CT 422

Name: 199 Len: 446 Check: 1C55
CGATGGAGAC ATCAAACAAG AGCCAGGAAT GTATCGGGAA GGACCCACAT ACCAACGGCG 60
AGGATCACTT CAGCTCTGGC AGTTTTTGGT AGCTCTTCTG GATGACCCTT CAAATTCTCA120
TTTTATTGCC TGGACTGGTC GAGGCATGGA ATTTAAACTG ATTGAGCCTG AAGAGGTGGC180
CCGACGTTGG GGCATTCAGA AAAACAGGCC AGCTATGAAC TATGATAAAC TTAGCCGTTC240
ACTCCGCTAT TACTATGAGA AAGGAATTAT GCAAAAGGTG GCTGGAGAGA GATATGTCTA300
CAAGTTTGTG TGTGATCCAG AAGCCCTTTT CTCCATGGCC TTTCCAGATA ATCAGCGTCC360
ACTGCTGAAG ACAGACATGG AACGTCACAT CAACGAGGAG GACACAGTGC CTCTTTCTCA420
CTTTGATGAG AGCATGGCCT ACATGC 446

Name: 2 Len: 352 Check: FBA
CATGGCATGC AGAGGATCTA CAAAATGGGT TCACCAGGCC TGTCTACAAC GCTGGGTGGA 60
TGAAAAGCAA ACAGGAAACA GTACAGCCAG AGTGGCATGT CCTCAGTGCA ATGCTGAATA120
CCTAATAGTT TTTCCAAAAT TGGGTCCAGT GGTTTACGTC TTGGATCTTG CAGATAGACT180
GATCTCAAAA GCCTGTCCAT TTGCTGCAGC AGGAATAATG GTCGGCTCTA TCTATTGGAC240
AGCTGTGACT TATGGAGCAG TGACAGTGAT GCAGGTTGTA GGTCATAAAG AAGGTCTGGA300
TGTTATGGAG AGAGCTGATC CTTTATTCCT TTTAATTTGG GACTTCCTAC TA 352

Name: 20 Len: 1558 Check: F16
AGGAGGCCGC GGCGGNGCAG GGCGGCGACT GCCTGCCTGC CTGGGTTGCG GAAGTGATAG 60
CCGCCGACCG AGCCTGCTGC TTTCTTGCTA CTGCTTCGGC TTCCCGCCTA CTTCCCCCGG 120
ACGGTGAAGG CGGCCCAGCT GTGGATGGTC AGATAGCCCT TGTCTCCCGC CGCCAATCTC 180
TGGCCCCTAG CAGCACGGAG CAGACGGCGG CAGCAGCAGC AGCAGGCGAG GAGGAAGATG 240
GCGGGACGGC TGCCGGCCTG TGTGGTGGAC TGTGGCACGG GGTATACAAA ACTAGGATAT 300
GCTGGAAATA CAGAACCACA GTTTATCATC CCTTCCTGTA TTGCTATTAA GGAGTCAGCA 360
AAAGTGGGTG ATCAAGCTCA AAGGAGGGTG ATGAAAGGTG TTTGATGACC TAGACTTCTT 420
CCATTGNGTG ATGAAGCAAT AGAAAAACCT ACATATTGCA ACAAAGTTGG CCCAATCCGC 480
CATGGTATAG TNTGAAGATT GGGACTTTAA TGGAAAGGTT TATGGAGCAA GTGATCTTTT 540
AAATATTTTA NGGGCAGAAC CCTGAAGACC ATTATTTTCT TTTGACTGAA CCTCCATTGA 600
ATACTCCAGA AAACAGGGAA TATACTGCTG AAATAATGTT TGAGTCCTTC AATGTTCCAG 660
GCTTGTACAT TGCTGTGCAG GCTGTTCTTG CCTTATCTGC ATCTTGGACC TCAAGACAAG 720
TAGGAGANCG GACGTTGACC GGTNCGGTAA TAGACAGTGG AGATGGTGTC ACTCATGTCA 780
TTCCTGTGGC TGAAGGGTAT GTGATTGGCA GCTGTATTAA ACACATTCCA ATCGCAGGGA 840
CCGAAGATAT AACAATATTT TAATTCAAGC AACCTGCTGA GAGACCCGAG AAGTAGGGAA 900
TCCCTCCAAG AACCAACCCT TGGAAACCTG CTAAGGCAGT AAAGGAGCGC TATAGTTATG 960
TCTGCCCAGA TTTAGTAANA GAATTTAACA AGTGCTTTTG GAACTAAGAG CTAGTATCTT1020

132

```
GGATTAACTG ATGCCTGCTA GTGCTTTCTG ATTACTCGCA TTCTGTTTCT TGCTTTAAAA1080
GAAGAGTAAA GACAAGAGTG TTGGACCAGT ATTGCAGTTC TGTAGTGTCA TTTCTTATAA1140
AAAACNAAAC AACAACAATA ATTTATCCAA ATTGGCATAT TTAAAGCCTA ACATTCTAAT1200
AAAGGCACAA ATTTCTTTTT AAATACTTGT TTCAGCCTCT TTNATCTCTT TATAAGTTAA1260
CTAATAAATC TATTTTCTTC AGACTTCTGC AATAGTTCTT TAAAATCACC ACAGTTAGCA1320
AGCTGACTTT TGTAATGTGC TCNAANACCA ANACTTGTGA ACTTTTAATA TGTTGAGTGC1380
TTTCATTTTG ATAACTGGAT CTCCATTTGA TATTTTCATT TGNATAACTC ATTTGCAGTC1440
TGGAAATTTT TTTTAGTGCC AGTCCCTGGA CATATCATTG AAAGTTAATT TTCTTTGCAT1500
TTTAAAATAT CTGGATTATG GAGGAAAAGT GATGNAAATA AATTAAAACT GAATTACC  1558

Name: 200                Len:   581  Check:     256
CGAAAAGAAA TCAGAAATGG AAAGTGTTTT GGCCCAGCTT GATAACTATG GACAGCAAGA 60
ACTTGCGGAT CTTTTTGTGA ACTATAATGT AAAATCTCCC ATTACTGGAA ATGATCTATC120
CCCTCCAGTG TCTTTTAACT TAATGTTCAA GACTTTCATT GGGCCTGGAG GAAACATGCC180
TGGGTACTTG AGACCAGAAA CTGCACAGGG GATTTTCTTG AATTTCAAAC GACTTTTGGA240
GTTCAACCAA GGAAAGTTGC CTTTTGCTGC TGCCCAGATT GGAAATTCTT TTAGAAATGA300
GATCTCCCCT CGATCTGGAC TGATCAGAGT CAGAGAATTC ACAATGGCAG AAATTGAGCA360
CTTTGTAGAT CCCAGTGAGG AAAGACCACC CCAAGTTCCA GAATGTGGCA GACCTTCACC420
TTTATTTGTA TTCAGCAAAA GCCCAGGTCA GCGGACAGTC CGCTCGGAAA ATGCGCCTGG480
GAGATGCTGT TGAACAGGGT GTGATTAATA ACACAGTATT AGGCTATTTC ATTGGCCGCA540
TCTACCTCTA CCTCACGAAG GTGGAATATC TTCAGATAAA C                    581

Name: 201                Len:   625  Check:    22A8
GTCCTGGCCC AGAGCCTGGA CGGGGCTGAA GGACACGGGG GACAGGGCTC CTGGCTTCTT 60
CCGCCCCGTC CTGGCCCAGA GCCTGGAGCA TGATGAGCAC TCTTGTCCCT TTAAAAAATC120
AAAGCCGCAC CCCGCCTCCC TGGCCAGCAA GAAACCTAAA AGGGAAACAA ACTCTGACAG180
CGTCCCACCT GGCTACGAGC CCATCTCGCT GCTCGAGGCG CTCAACGGCC TCCGGGCTGT240
CTCCCCGGCC ATCCCCTCGG CCCCTCTTTA TGAAGAAATC ACCTATTCAG GCATCTCGGA300
CGGCCTGTCC CAGGCCAGNT GTCCCCTCGC GGCTATCGAC CACATCCTGG ACAGCAGCCG360
CCAGAAGGGC AGGCCGCAGA GCAAGGCCCC CGACAGCACC CTACGGTCCC CGTCTTCCCC420
CATCCACGAA GAGGATGAGG AGAAGCTCTC CGAGGACGTG GACGCCCCTC CCCCACTGGG480
TGGCGCAGAG CTGGCCCTGC GGGAAAGCAG CTCCCCTGAG AGTTTCATAA CAGAAGAGGT540
TGATGAGTCG TCTGTCACCA CAAGCAAGGG GACCCGAGCA GCTTCCATTG AGAATGTCCT600
GCANGACAAG CAAGNCCCGA GCACT                                     625

Name: 202                Len:   806  Check:    1E28
TCTAGTTTTT GGAATGGAGC CTCGCATCCT ATACAACCCT TTACAAGGCC AGAAATGTAT 60
TGTTCAAACA ACTTCATGGT CCCAGTGCTC AAAGACCTGT GGAACTGGTA TCTCCACACG120
AGTTACCAAT GACAACCCTG AGTGCCGCCT TGTGAAAGAA ACCCGGATTT GTGAGGTGCG180
GCCTTGTGGA CAGCCAGTGT ACAGCAGCCT GAAAAAGGGC AAGAAATGCA GCAAGACCAA240
GAAATCCCCC GAACCAGTCA GGTTTACTTA CGCTGGATGT TTGAGTGTGA AGAAATACCG300
GCCCAAGTAC TGCGGTTCCT GCGTGGACGG CCGATGCTGC ACGCCCCAGC TGACCAGGAC360
TGTGAAGATG CGGTTCCGCT GCGAAGATGG GGAGACATTT TCCAAGAACG TCATGATGAT420
CCAGTCCTGC AAATGCAACT ACAACTGCCC GCATGCCAAT GAAGCAGCGT TTCCCTTCTA480
CAGGCTGTTC AATGACATTC ACAAATTTAG GGACTAAATG CTACCTGGGT TTCCAGGGCA540
CACCTAGACA AACAAGGGAG AAGATGTCAG AATCAGAATC ATGGAGAAAA TGGGCGGGGG600
TGGTGTGGGT GATGGGACTC ANTGTAGAAA GGAAGCCTTG CTCANTCCTG AGGANCANTA660
AGGTATTTCG AAACTGCCAA GGGTGCTGGT GCGGATGGAC ACTAANGCAG CCACGATTGG720
AGAATACTTT GCNTCATAGT ANTGGAGCAC AGTTACNGCT CAATTTGGAG CNTGTGGAAT780
TGAGACTTCC NGNTTCCGGT TGAAAT                                    806

Name: 203                Len:   489  Check:     610
GCACGAGCGG CACGAGTTTC ATTTTTCCAA AAGAGAAAAA AATGACAAAA GGTGAAACTT 60
ACATACAAAT ATTACCTCAT TTGTTGTGTG ACTGAGTAAA GAATTTTTGG ATCAAGCGGA120
AAGAGTTTAA GTGTCTAACA AACTTAAAGC TACTGTAGTA CCTAAAAAGT CAGTGTTGTA180
CATAGCATAA AAACTCTGCA GAGAAGTATT CCCAATAAGG AAATAGCATT GAAATGTTAA240
ATACAATTTC TGAAAGTTAT GTTTTTTTTC TATCATCTGG TATACCATTG CTTTATTTTT300
ATAAATTATT TTCTCATTGC CATTGGAATA GATATCTCAG ATTGTGTAGA TATGCTATTT360
AAATAATTTA TCAGGAAATA CTGCCTGTAG AGTTAGTATT TCTATTTTTA TATAATGTTT420
GCACACTGAA TTGAAGAATT GTTGGTTTTT TCTTTTTTTT GTTTNGNNTT TTTTTTTTT480
TTTTTTTTG                                                       489

Name: 204                Len:   403  Check:    20BF
CAAGCTCAGA AGGGTCATCT CAGAGTTCAC TCTCTCCTGT ACTCATTGGT GGAAACCATT 60
TGATCACTGC AGGTGTGCCA AGGCGAAGTA AAAGAATTGC AGGCAAAAAA GTTTGCAGAG120
TGGAATCAGG AAAAGCAGGC TGCTTTTCTC CTAAAATCAA GCCATAAAGA AAAGGTTCCG180
AAGATCTCTG CCGTTTGAAA TTCAATCTAG GGAAAAATGG CAGAGAAGTA AATGGGATGT240
TCTGGTGTCA ATAGGATATT GAAAGTGTTG GTTGGGCGAC TTGCAAATCA ACAAAGTTTA300
```

133

AAAAATCCGA ATTNGAATCT GTAAAAACAG GTTTGCTTTT TAAGCCCAGN ATGTTGGATT360
GGAAAAANGT TACCANAAGA AAGGGGTTCA AGAAAAAGGA TCA 403

Name: 205 Len: 462 Check: 1620
TTTACAGGTA CACAATTTAA TATTTATTAT ATGCATTTTA TATACATTAT TTTTCAACAG 60
CTGTATGTTT GCTATGTGGT ACAATCTTAA AAATTTGCTG ATTCATAGTT TGTAAAACAA120
AAACCTTACA AAACTCATCA AAACTCGCAA ACTGATCAGA AAAGTTTCTC GGAAGACTAG180
AAAAAATACT TTATTGTCTT AATCATGCAT TACACAAACA AAATCTTTAG TTACACCATA240
AAATTAAGCA CATCTAAAAA AATAAAACAG GGATAACTAG TCAAAACACA GCAGATTTCT300
GTATCCTGAT TCAACTATTT TTGTATCCTA TTTGTAATGC AAATAAAACT TTACTCCAAA360
TATTTTTAAA CAAGTTAGTT TTGTTTGGAA TCATGGTAAA CCAAGATATA TATCTTAGGG420
GGAACCACCT TGGTTTGTAA TTTAAACTAT AAAATACTCC AT 462

Name: 206 Len: 724 Check: 21C0
GTCAGGGGCT GTAGCAAGTA CATTAGCTTC AAGTTCCTTA ACTTGGACAT TCAAATATTC 60
TTCTTGCTCT ATTAAACGCT GGATGCTTGC AGTAAATTTT TCTAGTGTGT TCCTCATTTC120
TCGTTCACTA TGCCGTAACT TAACTACTCT TTCTTCAAGT TGTACTTTCT GTTCTTGGAT180
TTGCATTGCT TTTTTAGAGT CGTTTTGCAA CTGTGATTCC ATTTTGTTTA CCTCTTCTTC240
AGAGATTTCA ATAACAAGTG AGGAACCCAT TCTTCCTTTC ATTACTTTGC TTCCACCACC300
AGTCATTGTA CCTGACTGTT CTATGATTTG TCCCTGTAAA GTTACCACTC TCCATCTTCT360
ATCTTTTTGA TATGCTACTC TTGTGGCTTG ATCCAAGTTG TCAGCTACTA AGGTATCTCG420
TAAAGCAAAA TAAAAAGCTT GGCGAATTTT CTCATCTTTT ACTTTTACTA AATCAAATAA480
ACGAGGAGTA TTTTCAGGAG TTTGAATTTC GGTCATCTTT TTCGCCCATA CAGCCATCTT540
ATCTAAACCT ATAAAAGTTG CAACTCCAAT ATTTTTGTCT TTTAAGGAAG TTACACATTT600
CTTGGGCTAT ATCAAATAGA TCAACCAACA ATGTAGTCCA GTGCATGACA ACAGGATGAT660
ATAACCACCT CGGATTTTTT ATTAATGGGT TCTAAGGCCC CAATCGTCCA TATATTTCTG720
GAAC 724

Name: 207 Len: 371 Check: 1633
CCTCGTGCAA GTTANAGGTT CGCNGGTNTG CAGACCTCAC AGAAGATCAG CTACCCTCCT 60
GTGAGAGTCT GAAGGATACT ATTGCCAGAG CTCTGCCCTT CTGGAATGAA GAAATAGTTC120
CCCAGATCAA GGAGGGGAAA CGTGTACTGA TTGCAGCCCA TGGCAACAGC CTCCGGGGCA180
TTGTCAAGCA TCTGGAGGGT CTCTCTGAAG AGGCTATCAT GGAGCTGAAC CTGCCGACTG240
GTATTCCCAT TGTCTATGAA TTGGACAAGA ACTTGAAGCC TATCAAGCCC ATGCAGTTTC300
TGGGGGATGA AGAGACGGTG CGCAAAGCCA TGGAAGCTGT GGCTGCCCAG GGCAAGGCCA360
AGAAGTGAAG G 371

Name: 208 Len: 359 Check: 57A
CGGCCATCAC CTCATTCCTG TCAAGGAGAA CCTCGTTGAC AAAATCTGGA CAGACCGTCC 60
TGAGCGCCCT TGCAAGCCTC TCCTCACACT GGGCCTGGAT TACACAGGCA TCTCCTGGAA120
GGACAAGGTT GCAGACCTTC GGTTGAAAAT GGCTGAGAGG AACGTCATGT GGTTTGTGGT180
CACTGCCTTG GATGAGATTG CGTGGCTATT TAATCTCCGA GGATCAGATG TGGAGCACAA240
TCCAGTATTT TNNTCCTACG CAATCATAGG ACTTAGAGAC GGTCATGCTC TTCATTGATG300
GTGACCGCAT AGACGGCCCC AGTGTTGAAG GAGCACCTGN TTTCTTTAAC TTGGGCTTG 359

Name: 209 Len: 353 Check: 22DB
TGGCACGAGG CCGTGTCCAA GATGTTTTCA GTTCAACACA CAGTCTCCTC CATTATTTTG 60
ATCGTCTGAT TCTTACCGGA GCCGAAAGCA AAAGTAATGG GGAAGAGGGC TATGGCCGGA120
GCTTGAGATA CGCCGCTCTG AATCTTGCCG CCCTGCACTG CCGCTTCGGT CACTATCAAC180
AGGCAGAGCT CGCCCTGCAG GAGGCAATTA GGATTGCCCA GGAGTCCAAC GATCACGTGT240
GTCTCCAGCA CTGTTTGAGC TGGCTTTATG TGCTGGGGCA GAAGAGATCC GATAGCTATG300
TTCTGCTGGA GCATTCTGTG AAGANGGCAG TACATTTTGG GGTTACCGTA CCT 353

Name: 21 Len: 561 Check: 14E5
AGCCAGGTTT CCGAGGTGCT GAGAAGNCAN GAAACTCCGC AGACTACTCC TCAGAGAGCA 60
AAAAGCAGAA AACTGAAGAA AAGGAAATTG CAGCTCGTTA TGACAGCGAT GGTGAGAAAA120
GTGATGACAA CTTGGTGGTT GACGTTTCCA ATGAGGATCC ATCTTCCCCT CGAGGGAGCC180
CAGCACATTC CCCCAGAGAG AATGGCCTAG ACAAGACACG CCTGCTCAAG AAAGATGCCC240
CGATTAGTCC AGCCTCTATT GCATCTTCCA GCAGTACTCC CTCCTCCAAA TCCAAAGAAC300
TTAGCCTTAA TGAAAAATCT ACTACTCCCG TCTCAAAGTC CAATACCCCC TACTCCACGA360
ACTGATGCNG CCACCCCCAG GCAGTAACTC TANTCCCGGG ATTTGAGGCC TTGTANCTGG420
GAAAACCACC AGGAGTTGGA CCTTTTGGGC TCAAGCCTAA GGACCCCAAT GGGAAGTACC480
TTTGTCCATA TNCAANTCCA TTTGGGGATT GTGCCCATGC TGGAATGAAC GGGGAGCTGA540
NCAGCCCGGG NGCGGGCTAC G 561

Name: 210 Len: 651 Check: EC9
TTTTTTTGAC TGTCTTCACA TTAATGGAGA TTGGTGATTT CTCTTCAGCT TTTACTTCTC 60
TTGGTGATGA TGGCTTGGAG GCTGGAGAAA ATCCACCCAG GGTTGAAAGG GCTGGAGTTC120
CATCCGGATT CAATCCCTTT GCTTTTAATT TGGCTTCTTG TAAGGCTACT TTTCTTTTTT180
CTACTTCTTT TTCCAGTAAT TCATAGTTTG GCTTTTTTCT GGTATAAAGC CTAAGTGTTT240

134

CTATGCAGAT TTCCTGGATT TCCTCTTCTG TAGTACCAAA AAGAAGAAAC CAATGGGGAC300
GAGTTGGCAA CGGAATCTGA AGTGCTCTAG CTGCAAGGTA GATGCAAGCA CATGCTATAG360
TCTCTGGTTG AAATCGAACA AACACATTGG TTCGAAGACT GTCATTCATG TAATTCCAGG420
CAGTTTGAAC CAGGGTTTGA TTACGTTCAC ATTCTAAGAC TTGTAAATAC ATAACAATGA480
TCTTATGAGG ATGCTTGACA TGAACACAAA ATCCCAACTC CTTTAGCACC CTCCTCTCTG540
CTTTGATAAC TTGATTTTTG GTGTTAATGT AGTTCTGATC AAGGATCACG GGGCTTGGAG600
TCTTTTTCCT TTTAACTGGC GGAGGTGGTG GAATACATTA ATCACATCTC T 651

Name: 211 Len: 789 Check: F55
CAAGAGCACT ACATGANGGG CTCTGACGGC GCCCCGGACA CTGGGTACCT GTGGCATGTT 60
CCATTGACAT CCATCACCAG CAAATCCAAC ATGGNCCATC GATTTTTGCT AAAAACAAAA120
ACAGATGTGC TCATCCTCCC AGAAGAGGTG GAATGGATCA AATTTAATGT GGGCATGAAT180
GGCTATTACA TTGTGCATTA CGAGGATGAT GGATGGGACT CTTTGACTGG CCTTTTANAA240
GGAACACACA CAGCAGCCAG CAGTAATGAT CGGGCAAGTC TCATTAACAA TGCATTTCAG300
CTCGTCAGCA TTGGGAAGCT GTCCATTGAA RAGGCCTTGG ATTTATCCCT GTACTTGAAA360
CATGAAACTG AAATTATGCC CGTGTTTCAA GGTTTGAATG AGCTGATTCC TATGTATAAG420
TTAATGGAGA AAAGAGATAT GAATGAAGTG GAAACTCAAT TCAAGGCCTT CCTCATCAGG480
CTGCTAAGGG ACCTCATTGA TAAGCAGACA TGGACAGACG AGGGCTCAGT CTCAGAGCAA540
ATGCTGCGGA GTGAACTACT ACTCCTCGCC TGTGTGCACA ACTATCAGCC GTGCGTACAG600
AGGGCAGAAG GCTATTTCAG AAAGTGGGAG GAATCCAATG GAAACTTGAG CCTGCCTGTC660
GACGTGACCT TGGCAGTGTT TGCTGTGGGG GCCCAGAGCA CAGAAGGCTG GGATTTTCTT720
TATAGTAAAT ATCAGTTTTC TTTGTCCAGT ACTGAGAAAA GCCAAANTGA ATTTNCCCTC780
TTCAGAACA 789

Name: 212 Len: 457 Check: D31
CAATTAAGGG CTTTGGCGGG ATTGGCTCCG CGTTTGGGCT GGTCCGCTGC TCCCCACCTA 60
CCAGGGTCGG ATCCGGAGCC CTTCCCCGCG GGGCGGGGAC CTCCAAACAA CCGACTCCTT120
TCCAGCTGAA GAAACACTTA AATTCTGGAA ATAGCGACTC AGTATCATGG CCAGCAGCCT180
TAATGAAGAT CCAGAAGGAA GCAGAATCAC TTATGTGAAA GGAGACCTTT TTGCATGCCC240
GAAAACAGAC TCTTTAGCCC ACTGTATCAG TGAGGATTGT CGCATGGGCG CTGGGATAGC300
TGTCCTCTTT AAGAAGAAAT TTGGAGGGGT GCAAGAACTT TTAAATCAAC AAAAGAAATC360
TGGAGAAGTG GCTGTTCTGA AGAGAGATGG GCGATATATA TATTACTTGA TTACAAAGAA420
AAGGGCTTCG CACAAGCCAA CTTATGAAAA CTTACAG 457

Name: 213 Len: 727 Check: 30C
TTTTTTTGCT GGTAATATAT TGCTGCACTG AGTGTGTGCA ATTTTTATTC AAGGTCATCG 60
TGATGCTGAG AAGTTTCGTT GATAACCTGT CCATCTCTAG TTTCAACCGT CTTAATCAGA120
AGTGTCCTTT TTGAGTGGGT ATCAACCAGA GGGAGTGAAT CCAGATTAGT TTCCCTCAGG180
TTCAGGGAGG AAAAGTTTGG AAGAGGCAGA GAAATCCTGC TCTCCTCGCC TTCCAGCAGC240
TTCCTGTAGG TGGCAATCTC AATGTCAAGG GCCATCTTAA CATTGAGCAG GTCTTGGTAT300
TCACGAAGGT GACGAGCCAT TTCCTCCTTC ATATTCTGAA TCTCATCCTG CAGGCGGCCA360
ATAGTGTCTT GGTAGTTAGC AGCTTCAACG GCAAAGTTCT CTTCCATTTC ACGCATCTGG420
CGTTCCAGGG ACTCATTGGT TCCTTTAAGG GCATCCACTT CACAGGTGAG GGACTGCACC480
TGTCTCCGGT ACTCAGTGGA CTCCTGCTTT GCCTGGCGCA GGGCGTCATT GTTCCGGTTG540
GCAGCCTCAG AGAGGTCAGC AAACTTGGAT TTGTACCATT CTTCTGCCTC CTGCAAGTTC600
TTGGCAGCCA CACTTTCATT TTGCTGACGT ACGTCACGCA GGGCAGCGCT GAGGTCAAGC660
TTGGAAACAT CCACATCGAT TTGGACATGC TGTTCCTGGA TCTGAGCCTT GCGCTTCTGG720
ATTTCCT 727

Name: 214 Len: 622 Check: 19DE
GCTCCTGTCA GTACACACTC CCAAACAGTT AAACCCAGCT CTAATTCCAA CTCTGCAAGA 60
GCTTTTAAGC AAATGCAGGA CTTGTCTGCA ACAGAGAAAC TCACTCCAAG AGCAAGAAGC120
CAAAGAAAGA AAAACTAAAG ATGATGAAGG AGCAACTCCC ATTAAAAGGC GGCGTGTTAG180
CAGTGATGAG GAGCACACTG TAGACAGCTG CATCAGTGAC ATGAAAACAG AAACCAGGGA240
GGTCCTGACC CCAACGAGCA CTTCTGACAA TGAGACCAGA GACTCCTCAA TTATTGATCC300
AGGAACTGAG CAAGATCTTC CTTCCCCTGA AAATAGTTCT GTTAAAGAAT ACCGAATGGA360
AGTTCCATCT TCGTTTTCAG AAGACATGTC AAATATCAGG TCACAGCATG CAGAAGAACA420
GTCCAACAAT GGTAGATATG ACGATTGTAA AGAATTTAAA GACCTCCACT GTTCCAAGGA480
TTCTACCCTA GCTGAGGAAG AATCTGAGTT CCCTTCTACT TCTATCTCTG CAGTTCTGTC540
TGACTTAGCT GACTTGAGAA GCTGTGATGG CCAAGCTTTG CCCTTCCAGG ACCCTGAGGT600
TGCTTTATCT CTCAGTTGTG GC 622

Name: 215 Len: 448 Check: EDC
ATAGTTAAAC AACTTTATTA ACATAGTCAA GCAGTGATTA ACATTCACAT CTATTATGTC 60
ACATCATACA AATGTAAATA CAAAATTACT ACAGTACAAT ATATATTCTC TGCATGATCC120
AAAATATTTG GTGGCCCCAA AAAACTCTCT TTAAAATTCA GCAGCTTATC AAAAATTAAA180
ACCGTATTCT ATTTAAAATG GAGATCTGTT AGCACAGAGT TAGACTTCAA GAAATATCAA240
TTTAGTACAG TTTGAGAAGT TGCAGGAGGA TATGTTTGAA GGACACATTC TAACATAGTG300

135

TGGCAGGTAC AGGAAACATC AGATTTAAAG CTTTTAAGCA TAACTCATAC AACCTAAGTT360
GTCAGCAGAA AGATCCAGTT ATATTTGTAA CTAAAGCTAA TGCTACTAAA TTATTGCACC420
CAATGTTAAC ATATTAAGTG TAAAACTG 448

Name: 216 Len: 595 Check: D43
TCTGTTCTAA TGTATCATTA AGCTCCTTAA AATACTGGAG AACAGCTTCC TTATCGCCTT 60
GGATCATTTT CTCAGAATGA GATTTTTGTT CTTTCAGCTT TTCAATAAGA TGGGTAAGAT120
CTGTCCAGTG TGTGTCAGTC AACTGTTCAA GCAGTTTTTG AGGAGTGTCC TTTTCTTTCA180
AATAGGCACT TTGAAGGTCA TCTATAGGAT GACCATGATG TTGACCTATG GTAAGGCAAT240
GACCACAAAC TAATTTTTTA TCTAATAGAC AGTAAACATT TAATGGTTGC CTGTAATGTT300
CAGGGCAGGT GACAATATCT GGATGGTCTT CTTGCTGGTA CTTTTCAATA ATAGCCCTTA360
GTGCAAAATT AACAGGTAAA GATTCAATGC CAGTTGGAGC AATTTCAGTA ATACTTCTGC420
AATTAGGGCA CTTGAGTGGA ATTCGTAAAG GTCTCCATAT ATAAAAGTTA CCAGATGCCT480
GAAGAATGTT TTCCAAACAA TTTCTACAAA ATGTATGAGA GCATGGCAGT ACACGAGGAT540
CTTCAAAAAT ACTATAACAT ATGGGACAAG TTAACTCTTG CTCANAATTG TGCAT 595

Name: 217 Len: 153 Check: 330
AAGTGGGTGG GCTTGCCAAG CTCGACACCA GTGCGACTGA GGCCAGGGCC CTCGGCCTTC 60
ACCTTACTGG CGTCATGAGA GGGCTCCACC TTGACTCGGA TGGGGCTGGT GGGCGTGGCC120
TGGTCAGCAA AGAGGACCAT AATGGTGTAG CTG 153

Name: 218 Len: 446 Check: 9BD
TAGATGGCTA CTTCCGGCTC ACAGCAGATG CCCATCATTA CCTCTGCACC GACGTGGCCC 60
CCCCGTTGAT CGTCCACAAC ATACAGAATG GCTGTCATGG TCCAATCTGT ACAGAATACG120
CCATCAATAA ATTGCGGCAA GAAGGAAGCG AGGAGGGGAT GTACGTGCTG AGGTGGAGCT180
GCACCGACTT TGACAACATC CTCATGACCG TCACCTGCTT TGAGAAGTCT GAGCAGGTGC240
AGGGTGCCCA GAAGCAGTTC AAGAACTTTC AGATCGAGGT GCAGAAGGGC CGCTACAGTC300
TGCACGGTTC GGACCGCAGC TTCCCCAGCT TGGGAGACCT CATGAGCCAC CTCAAGAAGC360
AGATCCTGCG CACGGATAAC ATCAGCTTCA TGCTAAAACG CTGCTGCCAG CCCAAGCCCC420
GAGAAATCTC CAACCTGCTG GTGGCT 446

Name: 219 Len: 581 Check: A7F
ACGGATAGCG GATCTGCGAC AGGGGCTGCT GGACATCAGC AACCATTTCA TCCCCTCTGC 60
TGGGCACTTT GGCTGGTAGA CTATTTTCCA TCCGAGTCTC CTCTTCAGCT TTTTCCGTTT120
GCTCAGTTTT TGGTTCATCT TTCCTCTCAA ACTGTGATGC TTCCTGAGAC TGATGGTCTG180
AAGGAGTACC TGGTCTAGCA GATGATGATG AGGTCTGGGG AGTTTCCTCA CTAGCTTCAA240
CTCCTACTCT ATCTGTTTTC TCTCCTTCTT TCTTATTTGT CTTATCGGGT TCTTTGGCCT300
CTTCATTATG GCTACCCTCA GAGTCAGAGC ACTCCTCCCC TTCGTCCACA GGCCGGAAGT360
CCATCTCCTG CTCTTCTGGA ATAGGCTCTT TCTGTACTTT TTTTAGAGAA AGGAATGCTC420
CAGATGAGTC AAATGTACCC ATTTCTTCTT CAGCATCCTC TAAGCACCAT TCGGGCAAGC480
TATCCCTGTC ATCATCTATG GCTAGCAGAT CCGCTATCCG T 581

Name: 22 Len: 450 Check: C1B
CCAGAGTTTT ACATTACACT TGTCTGTCTT ATAATTGATA TTTTAGGATG TTTGGGTGTT 60
TGTTACAGGC AGAATTGGAT AGATACAGCC CTACAAATGT ATATGCCCTC CCCTGAAAAA120
AATTGGATGA AAATCTGCAC AGCAAAGTGA AACACACAGA TAATAGGAAC AAAATGTAGT180
TCCCATGTGC CAAACAAAAT AAATGAAATC TCTGCATGTT TGCAGCATAT CTGCCTTTTG240
GGAATGTAAT CAAGGTATAA TCTTTGGCTA GTGTTATGTG CCTGTATTTT TTTAAAATGG300
TACACCAGAA AAGGACTGGC AGTCTACTTC TACCATAGTT AAACTTCACC CTCTTTAATT360
TCACAACATA TTCTTTGGAA GCAGGAAGAA ATGCTCATAA AGAGGATCAG ACCTTCTTTC420
CCGTGAAACC AGTATTTGGC GCCATATATA 450

Name: 220 Len: 372 Check: B74
TTTGAACATA ATAGCACGAT GTTGGAATCC GACTTGGGGA CCATGGTGAT AAACAGTGAG 60
GATGAGGAAG AAGAAGATGG AACTATGAAA AGAAATGCAA CCTCACCACA AGTACAAAGA120
CCATCTTTCA TGGACTACTT TGATAAGCAA GACTTCAAGA ATAAGAGTCA CGAAAACTGT180
AATCAGAACA TGCATGAACC CTTCCCTATG TCCAAAAACG TTTTTCCTGG ATTAACTGGG240
AAAGTTCCTC CAAGATGGGA GACTTTTTGA CTTTTTTTGG AAAAATCTTA AGTTTTAGGN300
AGGAACTTAC CAGGTTGCGG GTTTAAAAAG GCACTTGGGA CCCCCATGGT TGGGGAACGG360
GGNGGTTAGG GA 372

Name: 221 Len: 448 Check: 77C
TTTTTTTTTT TTTTATGATG CACTCCAAGT GCCATATGTC TATTTTATTC TTCAGGAAAT 60
TATATTTTTC TTTTACAAGA GCACAACAGG AACCAAAGTA AAAGAGTAAT AGATACAGCA120
CTCAGGATAA ATCATATCTT TAAAATAATA ATAAAAAAAT TTACACCTTG TCCTATATCC180
TGTTAGTATT TTCATAATAT GGCCATGATT GAAAAAACAA AAAGCAAGCA TCTACAATTT240
TTTTTGATAA AGACTTTTTA TGCCAGGAAT GGATTAATTA CCAACAAAAT TTATACTAAT300
CAGGCTGATG TCAATCTATT TTTGTAATGT ATCATTAACA AATTTATTTT GGAAAAGATA360
AAAATATTGC CCCTTGATAA TAAATCTTTT TTTCCTTTGA TGCAAACAGC TAGAACACCT420

136

443

TTTTCTTTTT CTTTTTGATA TTCTAAGA

Name: 222 Len: 373 Check: A98

GTTGCACATG CCGTCGGCCA TGACTGTGTA TGCTCTGGTG GTGGTGTCTT ACTTCCTCAT 60
CACCGGAGGA ATAATTTATG ATGTTATTGT TGAACCTCCA AGTGTCGGTT CTATGACTGA120
TGAACATGGG CATCAGAGGC CAGTAGCTTT CTTGGCCTAC AGAGTAAATG GACAATATAT180
TATGGAAGGA CTTGCATCCA GCTTCCTATT TACAATGGGA GGATTAGGTT TCATAATCCT240
GGACCGATCG AATGCACCAA ATATCCCAAA ACTCAATAGA TTCCTTCTTC TGTTCATTGG300
ATTCGTCTGT GTCCTATTGA GTTTTTTGAT GGCTAGAGTA TTCATGAGAA TGAAACTGCC360
GGGCTATCTG ATG 373

Name: 223 Len: 386 Check: 624

GGCACGAGGC TTCAAGCTAC TGCGGAAATG CATCCTGCAG ATGACCCGGC CTGTGGTGGA 60
GGGGTCCCTG GGCAGCCCTC CATTTGAGAA ACCTAATATT GAGCAGGGTG TGCTGAACTT120
TGTGCAGTAC AAGTTTAGTC ACCTGGCTCC CCGGGAGCGG CAGACGATGT TCGAGCTCTC180
AAAGATGTTC TTGCTCTGCC TTAACTACTG GAAGCTTGAG ACACCTGCCC AGTTTCGGCA240
GAGGTCTCAG GCTGAGGACG TGGCTACCTA CAAGGTCAAT TACACCAGAT GGCTCTGTTA300
CTGCCACGTG CCCCAGAGCT GTGATAGCCT CCCCCGCTAC GAAACCACTC ATGTCTTTGG360
GCGAAGCCTT CTCCGGTCCA TTTTCA 386

Name: 224 Len: 593 Check: 1063

GGCACGAGGA TTGCACACCT AAACCTTCGA GATCATCAGC TGCCTTTCAA ACATTTAATT 60
GGCCAGGTTA TGATTGACAA AAATCCAGGA ATCACCTCAG CAGTAAATAA AATAAATAAT120
ATTGACAATA TGTACCGAAA TTTCCAAATG GAAGTGCTAT CTGGAGAGCA GAACATGATG180
ACAAAGGTTC GAGAAAACAA CTACACCTAT GAATTTGATT TTTCAAAAGT CTATTGGAAT240
CCTCGTCTGT CTACAGAACA CAGCCGTATC ACAGAACTTC TCAAACCTGG GGATGTCCTA300
TTTGATGTTT TTGCTGGGGT TGGGCCCTTT GCCATTCCAG TAGCAAAGAA AAACTGCACT360
GTATTTGCCA ATGATCTCAA TCCTGAATCT CATAAATGGC TGTTGTACAA CTGTAAATTA420
AATAAAGTGG ACCAAAAGGT GAAAGTCTTC AACTTGGATG GGAAAGACTT CCTCCAAGGA480
CCAGTCAAAG AAGAGTTAAT GCAGCTGCTG GGTCTGTCAA AAGAAAGAAA ACCCTCTGTG540
CACGTTGTCA TGAACTTGCC AGCAAAAGCT ATAGAGTTTC TTAGTGCTTT CAA 593

Name: 225 Len: 477 Check: 26B9

GTAAGTTCAG CGCGCCCGCT CCGGCCGGCC CTGCGCCTCC CGCCGCGCCC GGGATGTATT 60
CGTCCCCGCT CTGCCTCACC CAGGATGAGT TCCACCCGTT CATCGAGGCC CTGCTGCCTC120
ACGTCCGCGC CTTCGCCTAC ACCTGGTTCA ACCTGCAGGC GCGGAAGCGC AAGTACTTCA180
AGAAGCACGA GAAGCGGATG TCGAAGGACG AGGAGCGTGC GGTCAAGGAC GAGCTGCTGG240
GCGAGAAGCC CGAGGTCAAG CAGAAGTGGG CGTCGCGGCT GCTGGCCAAG CTGCGCAAGG300
ACATCCGGCC CGAGTGCCGC GAGGACTTCG TGCTGAGCAT CACCGGCAAG AAGGCGCCGG360
GCTGCGTGCT CTCCAACCCC GACCAGAAGG GCAAGATGCG GCGCATCGAC TGTCTCCGGC420
AGGCGGACAA GGTGTGGCGG CTGGACCTGG TCATGGTCAT CCTGTTCAAG GGCATCC 477

Name: 226 Len: 299 Check: DE7

GCCAAAGCTC AATACCCCAT TGCTGATTTG GTAAAGATGC TCACTGAGCA AGGCAAAAAA 60
GTCAGGTTTG GAATTCACCC AGTTGCAGGC CGAATGCCTG GNCAGCTTAA TGTGCTGCTG120
GCTGAGGCTG GTGTGCCATA TGACATTGTG TTGGAAATGG ATGAGATCAA CCATGATTTT180
CCAGATACTG ATTTGGTCCT TGTAATTGGA GCTAATGACA CTGTTAATTC AGCAGCTCAA240
GAAGATCCCA ACTCTATTAT TGCAGGCATG CCAGTCCTTG AGGTCTGGAA ATCAAAGCA 299

Name: 227 Len: 390 Check: 2565

GAGTGAAGGA GTTGAAACTT TTCTTGTTAG TGTACAACTC ATTTTGCGCC AATTTTCACA 60
AGTGTTTGTC TTTGTCTGAA TGAGAAGTGA GAAGGTTTTT ATACTCTGGG ATGCAACCGA120
CATGTTCAAA TGTTTGAAAT CCCACAATGT TAGACCAATC TTAAGTTTCG TAAGTTATTT180
CCTTTAAGAT ATATATTAAA CAGAAATCTA AGTAGAACTG CATTGACTAA CCAGTCCCTC240
TGGATGGTGG TGAACCTGAA GCATGCTTTA ACCTCTAAGA CTGTCTAACA CGCGTTTCAT300
TCAATGTCTC CACAGACTGG GTAGCAAAAA AATCACCTTT TAGTTTTAGT TTTTAATCTA360
AAGATGTTAG ACAGATGCTG AGTGTGCGTT 390

Name: 228 Len: 423 Check: 1661

TTCCTCTGTC GGGTGTGGCC AAGTGGGGAT AAAGAGAAGA GCAACATCTC TAATGACCAG 60
CTCCATGCTC TGCTCTGTAT CTACTTGGAG CACACAGAGA GCATTCTGAA GGCCATAGAG120
GAGATTGCTG GTGTTGGTGT CCCAGAACTG ATCAACTCTC CTAAAGATGC ATCTTCCTCC180
ACATTCCCTA CACTGACCAG GCATACTTTT GTTGTTTTCT TCCGTGTGAT GATGGCTGAA240
CTAGAGAAGA CGGTGAAAAA ATTGAGCCTG GCACAGCAGC AGACTCGCAG CAGATTTCAT300
GAAGAGAAAC TCCTCTACTG GGAACATGGG CTGTTCGAGA CTTCAGTATC CTCATTCAAC360
TTGGATTAAA GGTATTTTGA TAGTTCATCC TGTTNCTGGC ATGTATGTTT GGAAGGGAAG420
GAT 423

Name: 229 Len: 417 Check: 1300

TAGAAAAGAA AAGAAAACTT GAAACTAATC CTGATATTAA GCCATCAAAT GTGGAACCTA 60
TGGAAAAGGA GTTTGGGCTT TGCAAAACTG AGAACAAAGC CAAGTCGGGC AAACAGAATT120

137

CAAAGAAGCT GTACTGCCAA GAACTTAAAA AGGTGATTGA AGCCTCCGAT GTTGTCCTAG180
AGGTGTTGGA TGCCAGAGAT CCTCTTGGTT GCAGATGTCC TCAGGTAGAA GAGGCCATTG240
TCCAGAGTGG ACAGAAAAAG CTGGTACTTA TATTAAATAA ATCAGATCTG GGTACCAAAG300
GAGGATTTGG GAGAGCTGGG NTAAATTATT TTGAAGGAAA GATTTGCCCA ACAGTGGGTG360
TTTCAGAGCC TCAACCAAAA CCCAAAGGGT TAAAGGGGGN GGTTTACCCA GGGTTTC 417

Name: 23 Len: 476 Check: 213A
CGTACTGCTT CCGATATGGT ATCGACATCC CGTATCTTAG TTGCAGTAGT GAAGATGTGC 60
TATGAGGCTA AAGAATGGGA TTTACTTAAT GAAAATATTA TGCTTTTGTC CAAAAGGCGG120
AGTCAGTTAA AACAAGCTGT TGCCAAAATG GTTCAACAGT GCTGTACTTA TGTTGAGGAA180
ATCACAGACC TTCCTATCAA ACTTCGATTA ATTGATACTC TACGAATGGT TACCGAAGCA240
AGATTTATGT TGAAATTGAG CGTGCGCGAC TGACTAAAAC ATTAGCAACT ATAAAAGAAC300
AAAATGGTGA TGTGAAAGAG GCAGCCTCCA TTTTACAGGA GTTACAGGTG GAAACCTACG360
GGTCAATGGA AAAGAAAGAG CGAGTGGAAT TTATTTTGGA GCAAATGAGG CTCTGCCTAG420
CTGTGAAGGA TTACATTCGA ACACAAATCA TCAGCAAGAA AATTAACACC CAAATT 476

Name: 230 Len: 441 Check: 1340
CAGTTTCATG TATTTGAATC GACAAGACAC CTCCCTCGAT TCTCCATGTA TGCGCTGACC 60
AGCCTGGACC CTGCCAGTGA GCCAATCAGT TATGTTAACT TTACCATTGC AGAACGGGCA120
CAGAGGGTTG TTGTATGGCT CGGTCAGAAC TTTCTGTTAC CAGAAGACAC TCACATTCAG180
AATGCTCCAT TTCAAGTGTG TTTCACATCT TTACGGAATG GCGGCCANCT GCATATAAAA240
ATAAAACTTA GTGGAGAGAT CACTATAAAT ACTGATGATA TTGATTTGGC TGGTGATATC300
ATCCAGTCAA TGGCATCATT TTTTGCTATT GAAGACCTTC AAGTAGAAGC GGATTTTCCT360
GTCTATTTTG AGGGAATTAC GGAAAGGTGC TAGTTAAGGT GGATGAATAT CCTTTCAGTG420
CATTCAGAAG CTCCAGTGCT T 441

Name: 231 Len: 333 Check: 8BC
GGTGTCCCAG GAAGTCAGCC ATTACTCCCC AGTGGAATGG ATCCAACTCG ACAACAAGGA 60
CATCCAAATA TGGGTGGGCC AATGCAGAGA ATGACTCCTC CAAGAGGAAT GGTGCCCTTA120
GGACCACAGA ACTATGGAGG TGCAATGAGA CCCCCACTGA ATGCTTTAGG TGGCCCTGGG180
AATGCCTGGG AATGAACATG GGTCCAGGTG GTGGTAGACC TTGGCCAAAC CCAACAAATG240
CCAATTTCAA TTACCATACT CCTTCAGCAT CTCCTGGGGA ATTTATTGTT AGGTCCTCCA300
GGGAGGTTGA NGGGCCACCA GGGNACACCC TTC 333

Name: 232 Len: 402 Check: 1753
CCCTTTACAC AGACTCACTT GTCACTCACT GCCATAGAGT ACAGCCACAG CCACGACAGG 60
TACCTACCAG GTGAAACCTT TGTCCTGGGG AATAGTCTGG CCCGCTCCTT GGAACCACAC120
TCAGACTCAA TGGACTCTGC CTCAAATCCC ACCAACCTTG TCAGCACCTC CCAAAGGCAC180
CGGCCCTTGC TTTCATCCTG TGGCCTCCCA CCAAGCACTG CCTCAGCTGT GCGCAGGCTA240
TGCTCCAGGG GGTCGGACCG ATACCTGGGA GAGCCGCGAT GCCTCTTCGA CTGAGTGGCC300
GGGACCCCTT CCTTCATGGG ACAGTTCGAG GATGTTGATT GCAGTTTTGT TCCGGGGAAG360
GTTGATTCCT CAGGTTTGGG ACCCCAAGGT TGAACCTGTT TT 402

Name: 233 Len: 492 Check: 1260
TGGGATCATA AGGAGCCCTT AAATACTTGT TATTGACTGG GGTTATTTTT ATGCTGTAGC 60
AAATGTGACA GGCTCTTTTT AGCAAAATTT TTGAAAATTT TTTTGGTATT ACTCTGAAAC120
AAAATTTAAG TTGGAGTTTC AGGGATTTAG GGAGTAGTTT TCATTCTACA TGAACTGAGG180
TAATATTATG GTAACTCCAA TATTTGGTTA AAAAAACTAT ACAAATCAGA ATAGTACTAA240
AATACTGTAG GAATTTTAGG CATTTTTATT TTGCACTTTG TGTGGGATTG AGGGTGTTCA300
GGAAATACCC AACCCATTAA AAATGTAATC TAGTTGGGCC AAAGGGTGTG CGGCTTAAAA360
CACGGGAACC CGAACNTGGC NTTGGNTTGG GGNTAACTTT TTGAGGGGTT TTTTGTCCAA420
NAGGCCNTGT GGAGGAGTTA CCATTTTTCN TTAAAGGTTG GGTGGGTCCC CCTGTCCAGA480
GTTCTNGGGG AC 492

Name: 234 Len: 321 Check: 7
CGTGGCACTC CACCAGCTCT ACCAATACAC GCAGAAGTAC TATGACGAGA TCATCAATGC 60
CTTGGAGGAG GATCCTGCCG CCCAGAAGAT GCAGCTGGCC TTCCGCCTGC AGCAGATTGC120
CGCTGCACTG GAGAACAAGG TCACTGACCT CTGACCTACA ATCTCCAGTG CTGCCTTGGG180
ACATAGGTAC CTGAGGTACC TGAGAGCCCC TCAGGGANGG NGGCCGAGTG GCTGTGGCTG240
AGGCCCCCAC CCTCCCCTGG GAACGCGCCC CAAGCCGGAN TGGGTGCAGC CGGAACCCGN300
CCAGCGTTTT AGACTGTAGC A 321

Name: 235 Len: 359 Check: 1B4B
GCTTGCTATG AAGCAGTGTG TGAATGGACA ATGTTGAATG AATGTCTGGC TCAGTGATGG 60
AGAGCCAGGT TCATCTTTGA AATCTAGGGC TCTTCACTCA TGAAGCAGAC TCCTAGTCCT120
GGAGTGACTG TGTACGAGAG CGTGGTTGTG GTGCTGTATG TGAACGCATG CAAGCTTGAT180
TCACCTTCAG GGGGCTGATA ACCTAGTAAA TCATCAAAAT GAGATCATAA GTGTTAATGT240
ACACTGGACA TGAAAACAAA GACTGGTTTA GCAGCAGACA TTGGTTTACT CTGCAGCCTG300
TGTTTTCTGT TTCCCCCTTT CCCACCTCCT TCCCCCCACC CAATCCTTTT TTTTTTTTT 359

Name: 236 Len: 306 Check: 3C9

138

GTGATGATGG GCAGCCTGGT GTACCTGCGG CTGGGCTTGG AGAAGTCACC CTACTGCCAC 60
CTGCTGGACA GCAGCCACTG GGCAGAGATC TGTGAGACCT TTACCCGGGA CGCCTGTTCC120
CTGCTGGGGC TTTCTGTGGA GTCCCCCCTT AGCGTCACTT TTGCCTCTGG CTGTGTGGCG180
CTGCCTGTGT TGATGAACAT CAAGGCTGTG ATTGAGCAGC GGCAGTNCAC TGGGGTCTGG240
AATCANAAGG ACGANTTACC GATTGAGATT NAACTAGGCA TGAAGTNCTG GTACCACTCC300
GTNTTC 306

Name: 237 Len: 395 Check: 23DC
GTCAAAATAT TACAGTAGAA TCTGAGTGTA ATATGTGTAA CCAAAATGAG AAAGAATACA 60
AGAAATGTTT CTGGAGCTAG TTATGTCTCA CAATTTTGTA GAATCTTACA GCATCTTTGA120
TAAACTTCTC AGTGAAAATG TTGGCTAGGC AAGTTCAGTT AAAATATAGT AGAAATGTTT180
ATCCTGGTAT CTCTAAGTAT ACATTTAATT GTACAGAAAA TTTACAGTGT AACATTGTTC240
AACATTTGCA GATTGACTGT ATATGACCTT AATCTTTGTG GCAGCCTGAA GGATCAGTGT300
AGTTAATGCC NGGGGAAAGT GCTTTTTTAC CTAGGACTTC CNTTCTCAGC TTCTCCCCTT360
AAAGAGACCC CTAANTATGG CCNTTTTGGN TTTGT 395

Name: 238 Len: 440 Check: 1545
GACAATCCAT TAATTCCAGC TGCGTGCATA GATCACATTT TTAAAATGTA AAAATGCAAG 60
CAAAAACAGC TGTAACAAAG AAAGTGTGCT CAAGGACCAA AGATTTAACA GATAAAAATA120
CCCAATTAGA AGAGATATAG TAGACTATAT GAAGAGAGAT TATATTTGTT ACACACCAAT180
ATACATCAAA GTGCCTGTTG CCTTCTGAAA ATTTGAAGTG GCAAAATTAT TTTATGGTTT240
AATGATTATT TTATTTTATC AGGGACTGCC TCAAGAAGAA AATAACATAA GCTTGTGGAA300
TGGGTGGGAG AAAATGCCCT ATTTTTTCTT GGCAAATACT TGTATTAAAG TTAACNTTGT360
TGGATCNTGA TATTATCCTA GGGTACNGTG TATGTGTGTA TTAATTATAN GGTGTGTGTG420
TANATTATAC CNTTTATATA 440

Name: 239 Len: 507 Check: 26EE
NGGCTCCTAT CAGTGCACCT GCCCTGATGG TTACCGCAAG ATCGGGCCCG AGTGTGTGGA 60
CATAGACGAG TGCCGCTACC GCTACTGCCA GCACCGCTGC GTGAACCTGC CTGGCTCCTT120
CCGCTGCCAG TGCGAGCCGG GCTTCCAGCT GGGGCCTAAC AACCGCTCCT GTGTTGATGT180
GAACGAGTGT GACATGGGGG CCCCATGCGA GCAGCGCTGC TTCAACTCCT ATGGGACCTT240
CCTGTGTCGC TGCCACCAGG GCTATGAGCT GCATCGGGAT GGCTTCTCCT GCAGTGATAT300
TGATGAGTGT AGCTACTCCA GCTACCTCTG TTCAGTACCG CTGCGTCAAC GAGCCAGGGC360
CGTTTNTTCC TGGCCACTGC CCACAGGGTT TACCAGCTGN TGGGCCAAAA GGNTTTTGCC420
AAGAACATTT GATTGAGTGT TGAGTTTGGT TGCGNAACAG TGGTTCCGAG GGNCCAAANT480
TTGTTAAATT TCCATGGGGG TTAACGT 507

Name: 24 Len: 278 Check: DEF
AATTCGGCCC GAGGGTCCTT GGTGCAGATC CACGAAAAAA ACGGCTGGTA CACACCCCCA 60
AAAGAAGACG GCTAACCCTG GAGTATCACC CTTCCTCCCT CCCCAGGCAC CACTGGACCA120
ATTACCTTTG AATGCTGTAT TTGGATCTCA CGCTGCCTCT GTGGTTCCCT CCCTCATTTT180
TCCTGGACGT GATAGCTCTG CCTATTGCAG GACAATGATG GCTATTCTAA ACGCTAAGGA240
AAAAAAACAA ACACAGGACT GTTTNAAAGT ACTCAAGA 278

Name: 240 Len: 369 Check: 1CF5
GAGACAGATG GCCCACCAGG AGCTGTTGCT CTGGTTGCCT TCCTGCAGGC CTTNGAGAAG 60
GAGGTCGCCA TAATCGTTGA CCAGAGAGCC TGGAACTTGC ACCAGAAGAT TGTTGAAGAT120
GCTGTTGAGC AAGGTGTTCT GAAGACGCAG ATCCCGATAT TAACTTACCA AGGTGGATCA180
GTGGAAGCTG CTCAGGCATT CCTGTGCAAA AATGGGGACC CGCAGACACC TAGATTTGAC240
CACCTGGTGG CCATAGAGCG TGCCGGAAGA GCTGCTGATG GCAATTACTA CAATNGCAAG300
GAAGATGGAA CATNCAAGCA CTTNGGTTGA NCCCATTTNA ACGATCTNTT TCTTTNGCTT360
GCGAGGANG 369

Name: 241 Len: 248 Check: 1F04
AATCTAATTC AAATTGTCAA AGCTACAAAA GGGGGGAAGA CATCTGTATT ANTTTTGCTA 60
AGTCACAACA TCCTAAAACA AAATACTACT ACTGTCAGCA GATCCATTAT ACACATTTCT120
GATGAAATCC ATTAGAACAA TAAAAATTTC ATCTTGAGAA ATAGCCACAA TGAAAGTAAT180
TTACACAATA TAAAACAATG ACAGNTCTAC AGATGCAGTT GCTCATGAGT TTACACATGC240
ATACACAA 248

Name: 242 Len: 288 Check: D09
GTTTCCAAAA TTCACTGTAC ATGATCAGTT TGGTGTTCTT GTACCACAGT TTTTAACTGA 60
AGGAACCAGT TGTAACAGTC TCAATTTTAA CTAAAACTTG AAGAACTAAA ACAACAATGC120
AAACCTTTCA GCATTGTTTG GCCAAACTTG TTAAAACTGT AATGCAAGAA CCAAATGCAC180
TGTGATGTGG CACCAACTAA TTAGCAAGCA TGAHTTTYTC ACCCAAGAGT GAAAAARGGA240
AAATCTACCA TGGCTTGAAG TTAAAGRGCA GAMCTCCTGA CTACCATT 288

Name: 243 Len: 423 Check: 1FE0
AAAGAGTTAA GGAAGGCAGG TTGTNCTTCT ATTCAGGNCA CTCTTCGTTT TNCATGTACT 60
GCATGCTGTT TGTGGCACTT TATCTTCAAG CCAGGATGAA GGGAGACTGG GCAAGACTCT120
TACGNCCCAC ACTGCAATTT GGTCTTGTTG CCGTATCCAT TTATGTGGGC CTTTCTCGAG180

139

TTTCTGATTA TAAACACCAC TGGAGCGATG TGTTGACTGG ACTCATTCAG GGAGCTCTGG240
TTGCAATATT AGTTGCTGTA TATGTATCGG ATTTCTTCAA AGAAAGAACT TCTTTTAAAG300
ANAGAAAAGA GGAGGACTCT CATACAACTC TGGCATGGAA ACACCAACAA CTGGGGAATC360
ACTNTGCCGA GCCAATCACC AGCCTTGAAA GGCAGCCAGG GTGCCNAGGT GAAGCTGGCC420
TGT 423

Name: 244 Len: 460 Check: 1420
CCAACAGTAT CTCCTGCATC AAACGCCTCT CTGGGCTCCT CAAAGTCCTT GATATCATGC 60
CCTTGACCCT GCATGCCTGT ATGCACCAGA AGCAGAGGCT CAGAAACCTG GAGCAGTTTG120
CCCGTCTGGA AGACTGTGTT CTCTTGGCAA CAGATGTGGC AGCTCGGGGT CTGGATATTC180
CTAAAGTCCA GCATGTCATC CATTACCAGG TCCCACGTAC CTCGGAGATT TATGTCCACC240
GAAGTGGTCG AACTGCTCGA GCTAGCAATG AAGGCCTCAG TCTGATGCTC ATTGGGCCTG300
AGGATGTGAT CAACTTTAAG AAGATTTACA AAACGCTCAA GAAAGATGAG GATATCCCAC360
TGTTCCCCGT GCAGACAAAA TACATGGGAT GTGGTTCAAG GAGCGAATCC GTTTTAGCTC420
GACAGATTTG AGGAATCTGA GTATTCGGAA CTTTCCNGGT 460

Name: 245 Len: 2533 Check: B49
CCAAGCCCAT GAGGGCCGCG CGCCCGGCCG CCGGTGCTGA CGAGACGGAG CTCCTGGCCC 60
CCGAGGAGGA GCAGAGGATC AATGCGGTTC AAGAATCGAT TCCAGCGGTT CATGAACCAT 120
CGAGCTCCAG CCAATGGCCG CTACAAGCCA ACTTGCTATG AACATGCTGC TAACTGTTAC 180
ACACACGCAT TCCTCATTGT TCCGGCCATC GTGGGCAGTG CCCTCCTCCA TCGGCTGTCT 240
GATGACTGCT GGGAAAAGAT AACAGCATGG ATTTATGGAA TGGGACTCTG TGCCCTCTTC 300
ATCGCTTCTA CAGTATTTCA CATTGTATCA TGGAAAAAGA GCCACTTAAG GACAGCGGAG 360
CATTGTTTTC ACATGTGTGA TAGAATGGTT ATCTATTTCT TCATTGCTGC TTCTTATGCT 420
CCATGGTTAA ATCTTCGTGA ACTTGGACCC CTGGCATCTC ATATGCGTTG GTTTATCTGG 480
CTCATGGCAG CTGGAGGAAC CATTTATGTA TTTCTCTACC ATGAAAAATA TAAGGTGGTT 540
GAACTCTTTT TCTATCTCAC AATGGGATTC TCTCCAGCCT TGGTGGTGAC ATCAATGAAC 600
AACACCGATG GACTTCAGGA ACTTGCCTGT GGGGGCTTAA TTTATTGCTT GGGAGTTGTG 660
TTCTTCAAGA GTGATGGCAT CATTCCATTT GCCCACGCCA TCTGGCACCT GTTTGTGGCC 720
ACGGCAGCTG CAGTGCATTA CTACGCCATT TGGAAATACC TTTACCGAAG TCCTACGGAC 780
TTTATGCGGC ATTTATGACC AATCTGTACT AATTCTCCAA ACCAGTATTA TTTCAATTAT 840
GGCACTTGGG AGTGGGGTGA GAGCTAAACA TTGCACAGGG CAAAGAAAAA AAATAACTGC 900
ACTGACTTTA TATCTTTTGA ATATAATTAC TGTGAAAGTA TAAAGGCTGT GTTCTGGAAT 960
TTTCTGCCTC ACAGCAAATA AATAAGGTAG TGAATTAATT ATTCATTCCA TTCCACTATC1020
ATGAAGGACT CTGAATAGAC TTGGCCAACT GATGTTTACA AACCAGACTT TTATATTTTA1080
ATTTTACAGA TTTTACTACA TGATTTTTCT AAATTACTAT GTCAGGTTGT AAAAGTCAGT1140
GCAATAACAA ACCTTCCTTT TTAAGAAGAA AATTGTTTCT ATTACTTTCC CATTCACTAG1200
GTAAAGAATC ATGGACAGAA CTTACACTAC TTTTTACCAT GTTTCATCTT GGCATAACAT1260
GGTTCTTTTT TAAATAGAAA CTTTAGTTTT TTGTAAATTT TTAAAAAAAT ATTTCATTGA1320
TATGCATCTC TGCAGGTCCT CATTCATGTT GTAAATTTTT GGAGCAAGCA GTCAACATTC1380
CACAAACGAA CAAACATTAT ACCTCTTCTG ATAGTTTTAT TAAGCATGGA GAAATTGCCA1440
ATTTTTAAAA ACTGCAGTTT TCCAAACTTT TCTGCCAACC TCTTACTCTG AATTCAGTGC1500
TGCTTTGGGA CATATACTTG ACCTAGCTTG GTTTACCAGT GATGGAAAAG TATTTTGATA1560
TCATTAACTT TTTCAAAAGA TCCAACTTTT TCTCTATGCC TTTGCCACAT TCTCTTCAGG1620
GTCTCTTTCC ACAGCGGATA AATGTTTTTT CTGTATTATG ACAGTATTGT TGTGATGGCC1680
ATCTGCTGGA AACTCCTGAA GAGCATTATG TATTACAGTG AGCAGTTGTA TTGCCTGTTT1740
GGTGCCCAAT GGTTAAGTCA TTGTCACTTA GCTTTATATT GTCAGTTTGA TATTTATTTT1800
AAATTGTGGA ACTAGATGCA TAAATTCACA TTTCTGCCTT TCCTTTGCAT CTTCTCATAT1860
ATTGTGTTTT TTTTTTTTTT CCTAGAAAAA ATATTTAAAG CATTGTTTGA CAGGTAGAAA1920
CTCATGTATC TGTAGTCCAT GAGTTATATC CTGGCTCAGT GGAGTGATAT TTATGTATTA1980
TTTTTACTTT TCTCTCAGTG TCTTATATTA AGATTAACAT GTTGTTAATA GTTGCTTTGT2040
TGATTAATCT CTCTTGTTGG TGTTTTAATA AATGAAATAG GCTTGCCTTT AGATCGGGTG2100
CTGATATTGC CTGTTTCCTA GTAATGGGCT GATCAAATGA TCAGTGGAAT TCTTGGTTTG2160
ATGATAACCT TATTAATTGA AATTTTTTAC TGATGTGGCT TTAAAAGAGG TTTATTTTGT2220
ATATGTTTAG AACTCTCTGA TTTTGATGAA TTATATGGGA GTGAGAAACA GAAGAAGTGG2280
TATTTGCTGG CGAGTTAAAT AGGCAAGGTA CCCAGTGATA ACACCAACCA AACCACTCCT2340
ATCTGCATGA TTCTGAACAT CTGGATGCCT GTTGTTTTAC TGTGTATATT TTATTTTTAA2400
TATATTAACT TTGTGGATTC ATTTAAGGTC TACTCAAAAG TAACACTGTC CAAACCACTA2460
ATATGTATGT AAAAATTGTG CTGTATACTA CAATAAAGTT GTTACTTGGA TTTGTTCCAA2520
AAAAAAAAAA AAA 2533

Name: 246 Len: 6072 Check: 1F2E
GGTGGTCGGC GGGGAGGCCC CCGCGCTTTA AAATAATGCC CGCGGCGCCC GCGCGACCAT 60
GCAATGGCGA GCGCTCGTCC TGGGGCTGGT GCTCCTCCGG CTTGGCCTCC ATGGAGTATT 120
GTGGCTCGTC TTCGGGCTGG GGCCCAGCAT GGGCTTCTAC CAGCGCTTTC CGCTCAGCTT 180
CGGCTTCCAG CGTCTGAGGA GCCCCGACGG CCCCGCGTCG CCCACCTCGG GGCCCGTGGG 240

140

CCGGCCTGGG GGGGTATCCG GGCCGTCGTG GCTGCAGCCG CCGGGGACCG GGGCAGCGCA 300
GAGCCCGCGC AAGGCTCCGC GGCGTCCTGG GCCGGGGATG TGCGGCCCAG CCAACTGGGG 360
CTACGTGCTG GGCGGCCGGG GCCGCGGCCC GGACGAGTAC GAGAAGCGCT ACAGCGGCGC 420
CTTCCCTCCG CAGCTGCGTG CCCAGATGCG CGACCTGGCA CGGGGCATGT TCGTCTTTGG 480
CTACGACAAC TACATGGCTC ACGCCTTCCC CCAGGACGAG CTCAACCCCA TCCACTGCCG 540
CGGCCGTGGG CCCGACCGCG GGGACCCTTC AAATCTGAAC ATCAATGATG TACTAGGGAA 600
CTACTCATTG ACTCTTGTTG ATGCATTGGA TACACTTGCA ATAATGGGAA ATTCATCCGA 660
GTTCCAGAAA GCAGTCAAGT TAGTGATCAA CACAGTTTCA TTTGACAAAG ATTCCACCGT 720
CCAAGTCTTT GAGGCCACGA TAAGGGTCCT GGGAAGCCTC CTTTCTGCTC ACAGAATAAT 780
AACTGACTCC AAGCAGCCCT TTGGTGACAT GACAATTAAG GACTATGATA ATGAGTTGTT 840
ATACATGGCC CATGACCTGG CGGTGCGGCT CCTCCCTGCT TTTGAAAACA CCAAGACAGG 900
GATTCCATAT CCTCGGGTGA ATCTAAAGAC AGGAGTTCCT CCTGACACCA ATAATGAGAC 960
ATGCACAGCG GGAGCCGGTT CCCTCCTGGT GGAATTTGGG ATTCTGAGTC GACTCCTGGG1020
GGACTCCACA TTTGAGTGGG TGGCCAGACG AGCAGTGAAA GCCCTTTGGA ACCTCCGGAG1080
CAATGATACA GGATTACTAG GCAATGTCGT GAACATTCAG ACGGGCCACT GGGTTGGAAA1140
GCAGAGTGGC CTGGGTGCCG GGCTGGACTC CTTCTATGAA TACCTCTTGA AATCTTACAT1200
TCTCTTTGGA GAAAAAGAAG ACCTAGAAAT GTTTAATGCT GCATATCAGA GTATTCAGAA1260
CTACTTAAGA AGAGGGCGGG AAGCCTGCAA TGAAGGAGAA GGAGACCCTC CACTCTATGT1320
CAACGTGAAC ATGTTCAGTG GGCAGCTGAT GAACACCTGG ATTGACTCTC TGCAGGCCTT1380
TTTCCCTGGA CTGCAGGTGC TGATAGGAGA TGTGGAAGAT GCCATCTGCC TTCATGCCTT1440
CTACTATGCC ATATGGAAAC GATATGGTGC CCTCCCTGAG AGATATAACT GGCAGCTGCA1500
GGCCCCTGAC GTTCTCTTCT ACCCACTGAG ACCAGAGTTA GTGGAATCCA CATATCTCCT1560
CTACCAGGCA ACCAAGAATC CCTTCTACCT CCATGTAGGA ATGGATATTC TGCAGAGTCT1620
GGAAAAGTAC ACAAAAGTCA AGTGTGGGTA CGCCACGCTG CATCACGTCA TTGACAAGTC1680
CACAGAAGAC CGGATGGAGA GCTTCTTTCT CAGTGAGACC TGTAAATATT TGTATCTGCT1740
GTTTGATGAA GACAATCCAG TACACAAGTC TGGAACCAGA TACATGTTCA CAACAGAGGG1800
ACACATTGTA TCTGTGGATG AGCATCTTCG GGAATTGCCA TGGAAGGAAT TCTTCTCTGA1860
AGAGGGAGGG CAGGACCAAG GGGGAAAGTC TGTGCACAGG CCGAAACCTC ATGAGTTAAA1920
AGTCATCAAC TCCAGCTCCA ACTGCAATCG TGTACCTGAT GAGAGGAGGT ACTCCCTGCC1980
CTTAAAGAGC ATCTACATGC GACAGATTGA CCAGATGGTT GGTTTGATTT GATCTGCTCT2040
CTGTGAGGCC TCATCTTGAA CCAGACCTTA ACGACCAAAC CCAGACCATG CCAAAGTCCA2100
GTCTGAAATG AAAGGGGACA GAAGTCTTGC TGTCCATGGT GGTGTAGGAA TTTCTGTGCA2160
ACACCTCACC ACGTCTGGTT AATCCTTGCA CACTTCAGTG TTTCTCTCCT GTTCAATAAA2220
ATGCCCTGTT AAGGATATAA TTTGAAGTGA GAAGATACAT GGAAATTGCC CTCTTATGAC2280
ATGTTGATGT TATAAGCACA ATAGATGGGG CATCTTTGGA TTGATGTTCA CAGCTTTATA2340
CTTCAGAACC TAAGTCTCTT CACTTTGCTG GCACCTGCTA TACTGGAGTA TTGCTATGTC2400
TTTAAAAAAT TTTTTTTTAT TATATTTTAT TTTTTTGAGA CAGGGTCTTG ATATTTTTTT2460
GGGACAGGGT TACCTGGGCT CAAGTGATCC TTCTGCCTCA GCCTCCCGAG TAGCTGGGAT2520
TACAGGTGAG CACCACTGTA CCTGGCTAGC TACTTCTTTG TTAGAGGATT GAGAATGAAA2580
TTTCTGCAAA AGGGCCCATG GTTCATTTGG TATCCCTATT TAATTGCATT GAAAATGTCA2640
TCCTTTCTGT TGTTAGATAA TTGGGGTCTT CCCCTGATAT CCAACCGTGA TTTTGGATCA2700
CATGGGAGAA AAAGTCATCC AGTTTTTCAT GTTTGCCTCA AGTAATCTTT ACAGTGTTAC2760
AAATTATTTG CTTAAGAAGA ATGGTCTTAA CCAGAATTCT TAACAGATAG TCTCTTAGGT2820
TATTATGTTA TGGTCTAAGA GGTTAACTGA CATCTTTTGG ATGGTATTTT GCATTTTGAA2880
TATGAACTTA CCTGAGGAAC TCCCATAGTT CCAGAATCAG GTGCCTTTTA GGGAGAGAAC2940
AATACCTAAG ATTGTCTGAG CTTCCATCTT TCTCATATTT CCTAAGCAAG GATTCTCACT3000
TATGACCATA TTTGGGTTAG AGTTCTGTTT TGTTTCTGTT TTCTGTGTCT AGTGCCAATT3060
AGCTAAATCA GGGAGAAAGA AATGATCACA TGACTTTTAG CATCCTTGAG CCATTTCTCT3120
GTGTAATACA GGCTTTAGAT TAGTGCCTTA TATTGGTTTT GGTTTGGGGC ACTGGATGTC3180
GCAGCTACTG CTATGGTTTC AGGAGGCCTG TTTAGCCACA TGGTGAGACC GTGGTGAAAG3240
GGGGATGGAA ATTGCTTGGC CAGTCTTTGC CTTTCATCCT GTAAAAGTAA GCATGTAGAA3300
GGAGGAAGTT GTGCTAAAAT GCCTTTGTTT TTTTGTTATT ATTTTCTTAG CCAGAACATC3360
TCTCTTTGAA CTCACACTGA TACACACCTG CTACTCTTAC ACAGTGCAGC AGGGCTGACT3420
CTTAGTCTGG CTTCCATGAA GCGTCATGGG TGGAAACGCA TTCTAGTAAA AAAGGTAGGA3480
AATCCCTAAA ACTTCCAGCC TCACATAGCA CGGTTCTCAC CTGTCACTGT TTTCCCACCT3540
CTAAGGATTT CATGTACATC TTTTCAAAGC TAGAAATAAG CACTGTCTAA GTTTATGTTG3600
CATTTTTAGT CAAAAGGGAG AAATCTTATT CCTTCTTGAA AATTTTAAGT GTTATGGTTT3660
TATATAGTTC AGTTCTTTGA GATTTTTGAA AAGAGTATTT TCAGTAATAA ACGTGCCATC3720
TCTATCTCTT AAACATTTAT TACAACAATT GTTTTAAAAT AGAAAAAATA AAATGCTTCT3780
ATTTTACCTT TTTTCATTTC AGAAGCATTA TTCTGTTTAT TAACAGTGTC CCATCTACTG3840
AATAGAAAAC TTTGAGAATA ATATATATAT ATATTTTAAA TGTTTTCACT GACTCATTGA3900
AAATGTTAAT TACACACACA TGCATGCATG CACACACGAG CATACTTGTA CCTTTGTCTC3960
TGGGCAAACA GGTGGGACTG TTAGTGACCC ATTTGGGAAA ATAGAGCATC TCAGAGAAGG4020

141

AGGTGAGTTC TTCCTGCCTG TGATTTCTCT TGGCGCTCCC CTCCTCTCCC GCTCTGGCTT4080
CTGTGGCGGC AGTGGTGGGT AAGCACTCCA GTGTTCTCTT AATGAGGCAC TTTGCCTGTC4140
ACTCGAGCAA GCCTGGGTGT TCCTTCCTCC TCATGCTCCT GGAATAGGGA ATAGGGATCT4200
CATGCTTGCA AACTACACAA TGCTGCAGGT GCTTCCCAGG GGCCACAGGC TGTCAGGAAA4260
CGTGTTTTAT GTTAAGTCAC AAACCCACTT GACTTCTGGG TACTGGAATT AATACCAGTG4320
GGTGAGACTG AGGGTGAGTG AGTTAGTACA TATTAATCCT GGTTGTTGAG CTTCCAGACT4380
ACCCCGTCCA AAGTTTGATG CTATGTAGTC AGTGGTTTGT GGGGCTGGAT GCCAGAAGGT4440
TCTTTGAGCC AGTTTCAAAG GTTACTTGTT TTTTTTTTTT TTTTTTAAG TCAGAATGTT4500
AACAGCTGTG ATATATCCTG CAGGGCTTTT GCAGTTTCTT CTGTTCTGTG TTCTGAAATC4560
CTGGGTAGAG AATGGCTGAG GAGGAGATTA CCAGAGAAGT TGCTTTGCTC AGTGCTTTGC4620
CCCAGGATTG CCTCAAATCT GAGTGGACTT CATCCTTTGC GGCGGCTCTG AGCCTGGCCC4680
ATCTTCCTAT TCCCACGTGT AGCTAGTGTC TAGTGTCAGC TTTGCTCAAT GTGGTGGAAA4740
CATTTTGCAG AACTGTTGTA GAAAGCTGCC TTATAGTTGG CTTGACAAAG CATAATTCTC4800
TCATAACAAA CTTTCAAATC ATTACAGTAG CTTAGCTACT TTAGTTGATG TGACCGAGGA4860
ATCCCTTCTA GAATCATAGG TGGCAAGGGA GGGTTTGCTA GCTCTCCATT TGCACTGGCC4920
ATTGTGAAAA ACCAGCTTCT GTATTCAAAT CTTTCCTTCA TTTTTTTAAA TTTTTTTTT4980
GGCAGCGCTT GTGCTGGAAC TTACTCATTG TAACTGAATC CTCAGGGCTT TTCTTGTTTT5040
AGATCATGGA CTGTGCACGT GACACTTAAA TAATTTTCTA TGTATTTAAA GAAAAATGCA5100
CCAGGATGGT GTCTGTGCAC GTGACTATTA GAGGAGCGTC TGTAGAAGTA CCTGGTTTGG5160
TCAGTGCAGT TGTGCAATCT GAGGGCCTTG TTTCCTCCTC CCCTTTCCCC TTCTCCCCAC5220
CAAAGGAAAA TATCCCTCTT AATGATTTCG TAGTTCAGTT TACTGAATGA TTACCACCTG5280
TAATTCCTCT TTGGATTGTG TAGACTCAAC ATGAGACATT CCTTTCTGCT TTCTGGAGGG5340
CACCAGGGGC CTTTCTCTTT GATAAATTTT TTTTGTCTGT TGACAAAAAC AAAAATCTTT5400
TTTCAAATGT AGTGCTGGTG AAAAGGTAGG GCTGAGTGAT TACCTTAGCC ACAGGGTGGC5460
TGAGCAGGAA CTTTAGAAGA AAATCCTGAG CTTTCCTGTC CATTCCCAGC ATCCAGCTCC5520
TATTCTAGTG CCTCTTCCCT GCAGGGCAGG GACCCCTTGG GAAATCGAGG AGGTGGGACG5580
GGCTGGGCCC TGTGTCCCAG GTTTCACAGG GCTCAGGGTT ATGCTCCCGC TTGAATCTGG5640
ACGTGAATCT GGTAAAAATA TCAAGTACCT GTGGAACTCC CTGATTCTAT ACCCTCTTCC5700
TTCTTTCTGC AAGGCAGAGG AATAATATTT TTAAAGGTTA TTTTGTTTTA GTTTTAAATA5760
GCAAAACACA AGCTGCATTT TTATTTATTT TGCATAAGAA AGGTAAATCT TTTTACAAAA5820
AAAAGTATAG AGTTGGAAAC TCTGGGAAAA CTTACGGAAA TACACAAATG CTTCTCTGTA5880
ATGTGCAATA TGCTTTGCAA CTGTAGATGA TATTTTATGT TTAATCTGTA AATAAGAAAT5940
GTATTTAAAT TAAAAGGGAT CTTTTTGTAA AAGGACCAAA TGTTCTTTTA TAAATGTAAT6000
AAGGAATATC TTGCTCTTTA AAATTTATTA GGATTTTTAT GAGTAATTTT TATTAAAAGA6060
TTTCTTTTTT TG 6072

Name: 247 Len: 5615 Check: 2627

GAAACTGCGG GTGTGACCCC CCCGTGGTGG CTCTGGGTGT CTGCGGAGGA GCTGGGGGCG 60
GAAGATGAGG CTAACGGCTT GGCTTCAGTG AACGCACCGG GATGTGCAGG CCGGGAGGTA 120
GAGGCAGGCT GATGGGGGAG GGAACGAGCA GCCTGTGAGA CGGGGTGACG GCGGCTACCA 180
GCCCGGGCGG GCACCGGGAC TGGAAGAGTT GCCTGAGCAG CCGGCTGGTC CGGCGGCCAG 240
GCTAGGGCGG GGGCGAGCGC CCAGTTGAGC CTGCTGGGGC TGGAGGAGCG AGAAGGGTTT 300
TCTTCACATT TCAGAGCGAA CCAGACGGGG ACAGTAAGGT TTGGAGGAAG GGGGATCGTT 360
GGAAGTAGCA AGAAGTGGAG AGAATCTGGC AATAGACGAG AAACCGAAAG AATCAGAAAG 420
AAGTCTATGT GAGTAGCTGA AAGCATTGGG TGACCAGAAA GAAGGTCGGT GTAAGTGAAG 480
GAAGAGTGAG GTGTGGCTGG ATCAAAGGGC TAAGAGAAGC GGGTCTGTGT AAGTGGATGT 540
GAGTGAGGAT CAAGGAAAAG CCGTGGAAGT GGCCGGGGGT CGGGGCCGCA GAAGTGCCAG 600
ACGGGGCCGG AAAGCAGCCG AGCGGAGTTC AAATTTGAGA GCGTTTGGAA ATTGGAAGAC 660
TTGGTGGCGA ACGAGGGTCA GGACCTGCAT CCTGCCTCAG AGAGTTATCG ACGTATCCGG 720
AATGTGGGAT CAGAGGCTGG TGAGGTTGGC CCTGTTGCAG CATCTGCGGG CCTTCTATGG 780
TATTAAGGTG AAGGGTGTCC GTGGGCAGTG CGATCGCAGG AGACATGAAA CAGCAGCCAC 840
GGAAATAGGG GGTAAAATAT TTGGAGTACC TTTTAATGCA CTGCCCCATT CTGCTGTACC 900
AGAATATGGA CACATTCCAA GCTTTCTTGT CGATGCTTGC ACATCTTTAG AAGACCATAT 960
TCATACCGAA GGGCTTTTTC GGAAATCAGG ATCTGTGATT CGCCTAAAAG CACTAAAGAA1020
TAAAGTGGAT CATGGTGAAG GTTGCCTATC TTCTGCACCT CCTTGTGATA TTGCGGGACT1080
TCTTAAGCAG TTTTTTAGGG AACTGCCAGA GCCCATTCTC CCAGCTGATT TGCATGAAGC1140
ACTTTTGAAA GCTCAACAGT TAGGCACAGA GGAAAAGAAT AAAGCTACAC TGTTGCTCTC1200
CTGTCTTCTG GCTGACCACA CAGTTCATGT ATTAAGATAC TTCTTTAACT TTCTCAGGAA1260
TGTTTCTCTT AGATCCAGTG AGAATAAGAT GGACAGCAGC AATCTTGCAG TAATATTTGC1320
ACCGAATCTT CTTCAGACAA GTGAAGGACA TGAAAAGATG TCTTCTAACA CAGAAAAGAA1380
GCTACGATTA CAGGCTGCAG TAGTACAGAC TCTTATCGAT TATGCATCAG ATATTGGGCG1440
TGTACCAGAT TTTATCCTGG AAAAGATACC AGCCATGTTG GGTATTGATG GTCTCTGTGC1500
TACTCCATCA CTGGAAGGCT TTGAAGAAGG TGAATATGAA ACTCCTGGTG AATATAAGAG1560
AAAGAGAAGA CAAAGTGTAG GAGATTTTGT TAGTGGAGCA CTAAATAAAT TTAAACCTAA1620

-142

CAGAACACCT TCTATTACAC CTCAAGAAGA AAGAATTGCC CAGCTATCTG AATCACCAGT1680
GATTCTTACA CCAAATGCTA AGCGTACATT GCCAGTAGAT TCTTCTCATG GTTTCTCAAG1740
TAAGAAAAGG AAGTCCATCA AGCACAATTT TAACTTTGAG CTGTTGCCAA GTAATCTCTT1800
CAATAGCAGT TCTACACCGG TATCAGTTCA CATCGATACA AGCTCAGAAG GGTCATCTCA1860
GAGTTCACTC TCTCCTGTAC TCATTGGTGG AAACCATTTG ATCACTGCAG GTGTGCCAAG1920
GCGAAGTAAA AGAATTGCAG GCAAAAAAGT TTGCAGAGTG GAATCAGGAA AAGCAGGCTG1980
CTTTTCTCCT AAAATCAGCC ATAAAGAAAA GGTTCGAAGA TCTCTGCGTT TGAAATTCAA2040
TCTAGGGAAA AATGGCAGAG AAGTAAATGG ATGTTCTGGT GTCAATAGAT ATGAAAGTGT2100
TGGTTGGCGA CTTGCAAATC AACAAAGTTT AAAAAATCGA ATTGAATCTG TAAAAACAGG2160
TTTGCTTTTT AGCCCAGATG TTGATGAAAA GTTACCAAAG AAAGGTTCAG AAAAGATCAG2220
TAAGTCTGAG GAAACCTTAC TAACTCCAGA GCGACTAGTT GGAACAAATT ACCGGATGTC2280
TTGGACAGGA CCTAATAATT CAAGTTTTCA AGAAGTAGAT GCAAATGAAG CTTCTTCAAT2340
GGTGGAAAAT CTTGAGGTAG AAAACTCTTT GGAGCCTGAT ATTATGGTAG AAAAGTCACC2400
TGCTACTTCA TGTGAACTCA CCCCTTCCAA TTTAAACAAT AAGCATAATA GCAACATAAC2460
AAGTAGCCCT CTTAGCGGGG ATGAAAATAA CATGACCAAA GAGACTTTGG TGAAAGTTCA2520
AAAAGCGTTT TCTGAATCTG GAAGTAATCT TCACGCATTG ATGAATCAGA GGCAGTCATC2580
AGTAACTAAT GTGGGGAAAG TAAAATTAAC TGAACCATCT TATTTAGAAG ATAGCCCAGA2640
GGAAAATCTA TTTGAAACTA ATGATTTGAC TATAGTAGAA TCAAAGGAGA AATATGAACA2700
CCACACTGGT AAAGGTGAAA AATGTTTTTC AGAGAGGGAC TTTTCACCCC TTCAAACTCA2760
AACATTTAAT AGAGAAACAA CTATAAAATG TTATTCAACT CAGATGAAGA TGGAACATGA2820
AAAAGACATT CATTCAAATA TGCCAAAAGA TTATTTAAGC AAGCAAGAAT TCTCCAGTGA2880
TGAAGAAATA AAGAAACAGC AGTCCCCAAA GGATAAACTA AATAATAAAT TAAAAGAGAA2940
TGAGAATATG ATGGAAGGTA ACTTACCGAA GTGTGCAGCA CATAGCAAGG ACGAGGCTAG3000
ATCCTCTTTC TCACAGCAGA GTACATGTGT TGTAACAAAC TTGTCAAAAC CTAGGCCTAT3060
GAGAATTGCT AAACAGCAGT CATTGGAAAC ATGTGAGAAA ACAGTTTCTG AAAGTTCACA3120
AATGACAGAA CATAGAAAGG TTTCTGATCA CATACAGTGG TTTAACAAGC TTTCTTTAAA3180
TGAACCAAAT AGAATAAAAG TCAAGTCACC TCTTAAGTTT CAGCGTACTC CTGTTCGTCA3240
GTCCGTCAGA AGAATTAATT CTTTGTTGGA GTATAGCAGA CAACCTACAG GGCATAAGTT3300
GGCGAGTCTT GGTGATACAG CTTCTCCTTT GGTCAAATCA GTGAGCTGTG ACGGTGCTCT3360
TTCCTCTTGT ATAGAAAGTG CATCAAAAGA TTCCTCTGTT TCATGTATCA AATCAGGTCC3420
TAAAGAACAG AAGTCCATGT CATGTGAAGA GTCAAATATT GGTGCAATTT CAAAGTCAAG3480
CATGGAGTTA CCCTCGAAAT CTTTCTTAAA GATGAGGAAG CACCCAGATT CAGTGAAAGC3540
TTCTCTTAGG TCTACTACAG TTTATAAACA GAAGATCTTA TCTGATGGCC AAGTTAAGGT3600
TCCCTTGGAT GATCTGACTA ATCATGATAT AGTAAAACCA GTTGTAAATA ACAACATGGG3660
CATTTCTTCT GGGATAAATA ACAGGGTCCT TAGGAGACCA TCAGAAAGAG GAAGGGCCTG3720
GTACAAAGGT TCTCCAAAAC ATCCTATCGG AAAAACTCAA TTACTACCAA CAAGTAAACC3780
TGTAGATTTG TAATTGGTAA ATGTTATACT TGTCATTAAT GTAAATAAAG TGAGTAATTG3840
GTATGACTTG CAGGATGATG TACATGTTAG TTTGTAGCTC AGGATGATTG TTAAGCAATA3900
GATTTGCTCT ATTGAAAATG TTTCATTTTT TTCACTGTAC AAGCAACTTA GATTTTTATT3960
TGTACAAATT ACTTCTTTGT TTTTCTTAAT GATGGCAATT TTTAAACTTT AATTTTATTG4020
TGATCTCTTA AAGCAGAGGT TAGACTTTAC CTTTCTGACT CTGTCGTCCA GGCTGGAGTG4080
CAGTGGCGCA ATCTCACTGC AAGCTCCACT TCCTGGGTTC ATGCCATTTT CCTGCCTCAG4140
CCTCCCGAGT AGCTGGGACT ACAGGTGCCC GCCACCACGC CCAGCTAATT TTTTGTATTT4200
TTAGTAGAGA CGGTTTCACC GTGTTAGCCA GGATGGTCTC GATCTCCTGA CCTTGTGATC4260
CGCCCGCCTC AGCCTCCCAA AGTGCTGGGA TTACAGGCAT GAGCCACCAC GCCCGGCTAG4320
ACTTTACCTT TCTAAAGAAA TTGTTTACTG GATTTATAAG AAGTTAATTT TTGAAAATGA4380
CATATTTTTG TGTGATAGAA AGAATGGAGC AAGTTGTGCC TATTTCCTCC AAGTCAGATA4440
AGGTTTCTAA AATAAATAAA TTTCTAGCAT ATAAAGGGTA GAGATAAACT CTGCAAATCT4500
TATGTCTGGA ATTATATTAA TGTTTATTGT CCTTGCCAAA ATTCCTAGAA ATTAATTTCC4560
TTCAATAGCA TCCTAAAACT CTATTTTTAT TTGGGGCAGA GTAATTTCAT TTATAGTGCC4620
AGTAGGTGTA CCTTGTGTTC ACTCGAACTA AGAACAATGG TTAAGGCAGA ATAATGACTA4680
AAATATGTTC ATATATTATG ATGTGGAAAT AATTGATAAC TTTTAAGCCA TACTATGTTT4740
TTAAAGATAA TTTGCACAAA CACGTTTGTG TCTGTTCTGT CCAATATAGA TTTGGCAATT4800
ATTTAAAGAG GGATAATCTT GAAAAAAATT AACCAAGGTG ATTTCTTATA TGTAGATGCT4860
CGATTTTGGA ATTTGAAATA GTAGATGCAC GTCTTTACCT TTTTTACTTG GATAAAAACC4920
TATGATGATT TTGTCCTGTG TGTAAATGTT ATTTATTTAG CATAGACATT AAAGATAACT4980
CTCTGGAAAA TGACTTGACT AAGGCTCTCA TGAAATTCAA AGTGCCATTT AGAACATGCA5040
CCAAATTGTC AAGTAAATCT GTCTAAATTT ATATTTTAAA TTATTACAAA TTACACATCT5100
TTGAGGAAAG AGTATTATGA ACAATAGAAC ATATTCTCTA GGTTGTAGAG GAAGGAATAA5160
GCAGACAGAA TCAACCACTA AAGGTAGTTT TTCAGATTGG TTGTTAGAAT GTCATGTTTA5220
GATGTTGGAG CAGATTAGAG CAGCATTCAT GCCACTCGGA GCAACCAGAC TTACAGCATA5280
AGTATGTACG AGGAATTTCA AATCATCAGA TGTTTGCTTG GCTAGGTTCT ACTTTGTTTA5340
TTTGATATCA AATAGGTTTG TAGATGTTTA TGGCATTTCT AATTGTAAGT AGAGACAAAA5400

143

TATTCATATA GTCAGATATA TGTTGTCTGC TTTAAACAAT TTTTAAATTT TAAAAATGCA5460
TTAACGTCTT TTTATATCCA TCAAGGGAAG GATGAAATGT TGAATTTGAA GACTAATTCA5520
GTAAGAAGTC CTAGGGGTTT AACTGTACAT ACTACCTGAA CTGGCTTTTC TGAGAGATGA5580
ATCAATAATG AAACATGTCT GTTTTAAAAA CTACC 5615

Name: 248 Len: 5298 Check: F37

GGCGCCCGAC CCCAGCCACC GCCCTGCGGC CAGCGCGTCC CCCGACTCGC CGCCCGGAGA 60
CCCCGAGGCT CCAACGAGTT CAGAAATGTC CAGAAATGAC AAAGAACCGT TTTTTGTGAA 120
GTTTTTAAAG TCTTCAGACA ATTCCAAATG TTTTTTTAAA GCTCTCGAGT CCATAAAAGA 180
ATTCCAATCA GAAGAATATC TTCAGATTAT TACAGAAGAA GAGGCATTGA AGATAAAGGA 240
GAATGATAGA TCACTTTATA TCTGTGACCC TTTTAGTGGC GTTGTCTTTG ATCACCTCAA 300
AAAGCTTGGC TGCAGAATTG TTGGTCCTCA AGTAGTCATA TTTTGTATGC ACCACCAGCG 360
ATGTGTCCCA AGAGCCGAAC ATCCAGTTTA TAATATGGTT ATGTCTGATG TAACCATATC 420
TTGTACAAGT CTGGAAAAAG AAAAAAGGGA AGAAGTTCAT AAATATGTAC AAATGATGGG 480
CGGACGAGTA TACAGAGACC TTAATGTATC AGTAACTCAC CTTATTGCAG GAGAAGTTGG 540
TAGCAAAAAA TATTTAGTTG CTGCAAACCT GAAGAAACCT ATTTTGCTTC CCTCTTGGAT 600
AAAAACACTT TGGGAGAAGT CACAAGAGAA AAAAATAACT AGATATACTG ATATAAACAT 660
GGAAGATTTC AAGTGTCCTA TTTTTCTTGG TTGCATAATC TGTGTGACTG GCTTATGTGG 720
CTTAGACAGG AAAGAAGTTC AGCAACTCAC AGTTAAGCAT GGAGGTCAAT ACATGGGACA 780
ATTGAAAATG AATGAATGTA CACACCTCAT TGTGCAAGAA CCAAAAGGTC AGAAGTATGA 840
GTGTGCCAAG AGATGGAATG TACACTGTGT GACCACACAG TGGTTTTTTG ACAGTATTGA 900
GAAAGGTTTT TGTCAGGATG AATCCATATA CAAGACAGAA CCTAGACCAG AAGCAAAGAC 960
TATGCCCAAT TCTTCAACTC CTACCAGCCA GATCAACACA ATTGATAGTC GTACTCTTTC1020
AGATGTCAGC AATATTTCCA ACATAAATGC AAGTTGCGTA AGTGAATCAA TATGTAATTC1080
ACTTAACAGC AAACTGGAGC CTACACTTGA AAATCTAGAA AATCTGGATG TCAGTGCATT1140
TCAAGCACCT GAAGATTTAT TAGATGGTTG TCGGATATAT CTTTGCGGTT TTAGTGGCAG1200
AAAGCTAGAT AAACTGAGAA GACTTATTAA CAGTGGAGGT GGAGTTCGTT TTAACCAGCT1260
AAATGAAGAT GTAACTCATG TTATTGTGGG AGATTATGAT GATGAATTGA AGCAGTTTTG1320
GAATAAATCA GCCCACAGGC CTCATGTAGT GGGAGCAAAG TGGTTGCTAG AGTGTTTCAG1380
TAAAGGTTAT ATGCTTTCTG AAGAACCATA TATCCATGCT AATTACCAGC CAGTGGAAAT1440
TCCAGTTTCA CATCAGCCTG AAAGTAAAGC AGCTCTTTTA AAAAAGAAGA ACAGCAGCTT1500
CTCTAAGAAA GACTTTGCTC CTAGTGAAAA GCATGAGCAA GCTGATGAAG ATCTGCTCTC1560
TCAATATGAA AATGGTAGCT CCACAGTAGT TGAGGCTAAG ACGTCTGAAG CCAGGCCCTT1620
TAATGATTCT ACTCATGCTG AGCCCTTGAA TGATTCTACT CACATTTCTT TGCAAGAAGA1680
AAACCAGTCT TCTGTCAGTC ATTGTGTCCC TGATGTTTCT ACAATTACTG AAGAAGGCTT1740
ATTTAGCCAA AAGAGTTTCC TTGTTTTGGG TTTTAGTAAT GAAAATGAAT CTAACATCGC1800
AAACATCATA AAAGAAAATG CTGGGAAAAT CATGTCCCTT CTGAGCAGAA CTGTTGCGGA1860
TTATGCTGTG GTTCCTCTGC TGGGGTGTGA AGTGGAAGCC ACTGTGGGAG AAGTTGTTAC1920
AAATACATGG CTGGTTACTT GCATAGACTA TCAGACTTTG TTTGATCCAA AGTCGAATCC1980
TCTCTTCACA CCAGTTCCAG TAATGACAGG AATGACTCCT TTAGAGGATT GTGTTATTTC2040
ATTTAGCCAG TGTGCTGGAG CAGAAAAAGA GTCTTTAACA TTCCTAGCAA ACCTCCTTGG2100
AGCAAGTGTT CAAGAATACT TTGTTCGCAA ATCCAATGCA AAGAAAGGCA TGTTTGCCAG2160
TACTCATCTT ATACTGAAAG AACGTGGTGG CTCTAAATAT GAAGCTGCAA AGAAGTGGAA2220
TTTACCTGCC GTTACTATAG CTTGGCTGTT GGAGACTGCT AGAACGGGAA AGAGAGCAGA2280
CGAAAGCCAT TTTCTGATTG AAAATTCAAC TAAAGAAGAA CGAAGTTTGG AAACAGAAAT2340
AACAAATGGA ATCAATCTAA ATTCAGATAC TGCAGAGCAT CCTGGCACAC GCCTGCAAAC2400
TCACAGAAAA ACCGTCGTTA CACCTTTAGA TATGAACCGC TTTCAGAGTA AAGCTTTCCG2460
TGCTGTGGTC TCACAACATG CCAGACAGGT CGCAGCCTCC CCAGCAGTAG GACAACCACT2520
TCAGAAGGAG CCCTCGTTAC ACCTGGATAC ACCATCAAAA TTCCTGTCCA AGGACAAACT2580
CTTCAAGCCT TCCTTTGATG TGAAGGATGC ACTTGCAGCC TTGGAAACTC CAGGACGTCC2640
CAGCCAACAG AAAAGGAAAC CGAGTACGCC ACTCTCAGAA GTTATTGTCA AAAACTTGCA2700
ACTTGCTTTG GCAAATAGCT CTCGAAATGC TGTCGCTCTT TCTGCCAGCC CTCAACTGAA2760
AGAGGCCCAG TCAGAGAAGG AAGAAGCCCC AAAGCCACTT CACAAAGTAG TGGTATGTGT2820
TAGTAAAAAA CTCAGTAAGA AGCAGAGTGA ACTAAATGGG ATCGCAGCCT CTCTAGGAGC2880
AGATTACAGG TGGAGTTTTG ATGAAACAGT GACTCATTTC ATCTATCAAG GGCGGCCAAA2940
TGACACTAAT CGGGAGTATA AATCTGTAAA AGAAAGAGGA GTACACATTG TTTCCGAGCA3000
CTGGCTTTTA GATTGTGCCC AAGAGTGTAA ACATCTTCCT GAATCTCTTT ATCCACATAC3060
TTATAATCCC AAAATGAGCT TGGATATCAG CGCAGTGCAA GATGGCCGGC TCTGTAATAG3120
TCGACTACTC TCAGCTGTGT CTTCAACAAA GGATGATGAG CCAGATCCTT TGATTTTAGA3180
AGAAAATGAT GTAGACAATA TGGCCACCAA TAATAAAGAG TCAGCACCAT CAAATGGAAG3240
TGGAAAGAAT GACTCTAAAG GAGTTCTGAC ACAGACCTTA GAGATGAGAG AGAACTTTCA3300
GAAGCAGTTA CAGGAGATAA TGTCTGCAAC ATCAATAGTG AAACCCCAAG GGCAGAGGAC3360
TTCCCTTTCA AGAAGTGGTT GTAACAGCGC ATCTTCAACC CCTGACAGCA CTCGCTCTGC3420
TCGCAGTGGA CGAAGTAGAG TCCTAGAGGC ACTGAGGCAG TCTCGTCAGA CAGTACCTGA3480

144

TGTCAACACA GAGCCTTCCC AAAATGAACA GATCATTTGG GATGACCCTA CAGCAAGGGA3540
GGAGAGAGCA AGGCTTGCCA GCAATTTGCA GTGGCCTAGT TGTCCCACAC AATACTCTGA3600
GCTTCAGGTT GACATTCAAA ACTTGGAGGA TTCTCCTTTT CAAAAGCCTT TACATGATTC3660
AGAAATTGCT AAACAGGCTG TCTGTGATCC TGGAAACATA CGTGTGACTG AAGCTCCCAA3720
ACACCCAATC TCTGAAGAAC TGGAAACTCC CATAAAAGAC AGCCACCTGA TCCCTACGCC3780
TCAAGCCCCC AGTATTGCCT TTCCACTCGC CAACCCCCCT GTGGCTCCGC ACCCTAGAGA3840
AAAGATTATA ACGATAGAGG AGACTCATGA AGAATTAAAA AAACAGTACA TATTTCAGTT3900
ATCATCTCTG AATCCTCAAG AACGTATTGA CTATTGTCAT CTGATTGAGA AACTAGGTGG3960
ATTGGTGATA GAAAAGCAGT GCTTTGATCC CACCTGTACA CACATTGTTG TGGGACATCC4020
ACTTCGAAAC GAGAAGTATT TAGCCTCAGT GGCAGCTGGG AAGTGGGTGC TTCATCGCTC4080
CTACCTTGAA GCCTGCAGGA CTGCTGGACA CTTCGTGCAG GAAGAAGACT ATGAATGGGG4140
AAGTAGTTCC ATACTTGATG TTTTGACTGG AATCAATGTA CAGCAACGAA GACTAGCACT4200
TGCAGCAATG AGATGGAGAA AAAAAATCCA GCAAAGACAA GAATCTGGCA TTGTTGAGGG4260
AGCATTTAGT GGGTGGAAGG TTATTTTACA TGTGGATCAG TCTCGAGAAG CAGGCTTCAA4320
ACGCCTTCTT CAGTCAGGAG GAGCAAAGGT GCTACCTGGT CATTCTGTAC CTTTATTTAA4380
AGAGGCCACA CATCTTTTTT CTGACTTGAA TAAACTGAAA CCAGATGACT CAGGAGTTAA4440
TATAGCAGAA GCTGCTGCCC AGAACGTGTA CTGCTTGAGA ACAGAATACA TTGCTGATTA4500
TCTCATGCAG GAATCACCTC CTCATGTAGA AAATTACTGT CTACCAGAAG CTATTTCATT4560
TATTCAGAAT AATAAGGAAC TTGGGACTGG ATTATCACAA AAGAGGAAAG CTCCTACAGA4620
AAAAAATAAA ATCAAACGAC CTAGAGTACA CTAATCGCAT CTACCCTTTA GTTACCAAAC4680
ATTAAATGTT TTTAAAAATT GAAAGCCTGA ATGTGACTGT GATAGATTTG GGTAGTAATT4740
TAAAGATGAG TACCTGAAGA ATTCTGCTTC AGAGTATAAT GATGACCCTT CTTGAGTTTT4800
GAACACCTGA AATTGTAATC ACTGAAATAT TAACTGTTTC TTAATAAAAA GTTACCTGAA4860
ATAACAACAA AATACAACTC CTCAGCTAGC TTGCTGTTAA ACCACATTGA AGTCTGTTAA4920
AAGATATTTA TTTTTCTTGT AAATATCTGA AGCTGTAGCT TAGTGGAAAT TTTAGCAAGG4980
TAATGGATTT TGCTTTAAAA TGTCTGCCTT ACAAATTCAT AACAACAAGA TTTGTCAGTC5040
AGCATTTATT CATGTTTTCC CTGATTTTTA TCTTCTCACC ATTTTACCTC TTTTAACAGG5100
AGCCTGAGCA CAAGGTTTAA TGAGGAAGCT GGGGCTATAA ATATGTGTGT ATATATGTAT5160
ATGTATGTTT GTACAAATCT CCATGATGTT TGCCAAGTTT GAATGCGCAA AACTTGGAAA5220
ATGTGACAAT AAAGAATAAA AGTAGTAACT CAAATTAGTA TTAAGATGTG TTTACATAGA5280
TAAATTTTTT AAAAGAGC 5298

Name: 249 Len: 1584 Check: 12A6

GCGCCTCGGC CTAGCATGTC GGAAGCGGGC GAGGAGCAGC CCATGGAGAC GACGGGCGCC 60
ACCGAGAACG GACATGAGGC CGTCCCCGAA GCGAGTCGCG GCCGGGGCTG GACGGGCGCC 120
GCGGCGGGGC TGGAGGCGCG ACCGCCGCGC CCCCGAGCGG GAATCAGAAC GGCGCCGAGG 180
GACCAGATCA ACGCCAGCAA GAACGAGGAG GACGCGGGAA AAATGTTCGT TGGTGGCCTG 240
AGCTGGGATA CTAGCAAAAA AGATTTAAAA GACTATTTTA CTAAATTTGG AGAGGTCGTT 300
GACTGTACAA TAAAAATGGA TCCCAACACT GGACGGTCAA GAGGGTTTGG GTTTATCCTG 360
TTCAAAGATG CAGCCAGTGT GGAGAAGGTC CTAGACCAGA AGGAGCACAG GCTGGATGGC 420
CGTGTCATTG ACCCTAAAAA GGCCATGGCT ATGAAGAAGG ACCCGGTCAA GAAAATCTTC 480
GTTGGGGGTC TGAATCCTGA AAGTCCCACT GAGGAAAAGA TCAGGGAGTA CTTTGGCGAG 540
TTTGGGGAGA TTGAGGCCAT TGAATTGCCA ATGGATCCAA AGTTGAACAA AAGACGAGGT 600
TTTGTGTTTA TCACCTTTAA AGAAGAAGAA CCCGTGAAGA AGGTTCTGGA GAAAAAGTTC 660
CATACTGTCA GTGGAAGCAA GTGTGAGATC AAGGTGGCCC AGCCCAAAGA AGTCTATCAG 720
CAGCAGCAGT ATGGCTCTGG GGGCCGTGGA AACCGCAACC GAGGGAACCG AGGCAGCGGA 780
GGTGGTGGTG GAGGTGGAGG TCAGAGTCAG AGTTGGAATC AGGGCTACGG CAACTACTGG 840
AACCAGGGCT ACGGCTACCA GCAGGGCTAC GGGCCTGGCT ATGGCGGCTA CGACTACTCG 900
CCCTATGGCT ATTACGGCTA CGGCCCCGGC TACGACTACA GTCAGGGTAG TACAAACTAC 960
GGCAAGAGCC AGCGACGTGG TGGCCATCAG AATAACTACA AGCCATACTG AGGCGGCCAA1020
GGGAGCGACC AACTGATCGC ACACATGCTT TGTTTGGATA TGGAGTGAAC ACAATTATGT1080
ACCAAATTTA ACTTGGCAAA CTTTCTATTG CCTGTCCCAT GTGCATCTTA TTTAAAATTT1140
CCCCCATGGA AATCACTCTC CTGTTGACTA TTTCCAGAGC TCTAGGTGTT TAGGCAGCGT1200
GTGGTGTCTG AGAGGCCATA GCGCCATCAT GGGCTGATTT TTATTACCAG GTCCCCCAGA1260
AGCAGGTGAG AGGCTCTGCT TCCTGCTGCC GCTCTGCAGC CTGGACCTGT GGACCCTGGT1320
TGTAAAGAGT AAATTGTATC TTAGGAAACC AGTGTCACCT TTTTTTCACC TTTTAATTTT1380
ATATTATTTG CGTCATACAT TTCCTGTAAC GGAAGTGTTA ATTTTACTGT ACTTTTTGGT1440
ACCCCTTTTG GGAATCTAAT GTATTGTAAG GTATTTTACA CGTGTCCTGA TTTTGCCACA1500
ACCTGGATAT TGAAGCTATC CAAGCTTTTG AAATAAAATT TAAAAACCCC AAGCCTGGGT1560
GAGTGTGGGA AAAAAAAAAA AAAA 1584

Name: 25 Len: 237 Check: 14F6

GGAGTATTGG AGAGGCGGCC TTATGAGGAC CAGGGGCTCG GGGAGACGAC TCCTCTTACT 60
ATCATCTGCC AGCCCATGCA GCCNCTGAGG GTCAACAGCC AGCCCGGCCC CCAGAAGCGA120
TGCCTTTTTG TGTGTCGGCA TGGTGAGAGG ATGGATGTTG TGTTTGGGAA GTACTGGCTT180

145

GTCCCAGTGC NTCGATNGCA AAGGCGNCTA CATNCGCAAG CAACCTNGAA CATNGCC 237

Name: 250 Len: 1121 Check: 39B

GGAATTCCCT ATAGAGCCGG GTGAGAGAGC GAGCGCCCGT CGGCGGGTGT CGAGGGCGGG 60
TTGCCTCGCG CTGACCCTTC CCGCCCTCCT TCTCGTCACA CACCAGGTCC CCGCGGAAGC 120
CGCGGTGTCG GCGCCATGGC GGAGCTGACG GCTCTTGAGA GTCTCATCGA GATCGGCTTC 180
CCCAGGGGAC GCGCGGAGAA GGCTCTGGCC CTCACAGGGA ACCAGGGCAT CGAGGCTGCG 240
ATGGACTGGC TGATGGAGCA CGAAGACGAC CCCGATGTGG ACGAGCCTTT AGAGACTCCC 300
CTTGGACATA TCCTGGGACG GGAGCCCACT TCCTCAGAGC AAGGCGGCCT TGAAGGATCT 360
GCTTCTGCTG CCGGAGAAGG CAAACCCGCT TTGAGTGAAG AGGAAAGACA GGAACAAACT 420
AAGAGGATGT TGGAGCTGGT GGCCCAGAAG CAGCGGGAGC GTGAAGAAAG AGAGGAACGG 480
GAGGCATTGG AACGGGAACG GCAGCGCAGG AGACAAGGGC AAGAGTTGTC AGCAGCACGA 540
CAGCGGCTAC AGGAAGATGA GATGCGCCGG GCTGCTGCTG AGGAGAGGCG GAGGGAAAAT 600
GCCGAGGAGT TAGCAGCCAG ACAAAGAGTT AGAGAAAAGA TCGAGAGGGA CAAAGCAGAG 660
AGAGCCAAGA AGTATGGTGG CAGTGTGGGC TCTCAGCCAC CCCCAGTGGC ACCAGAGCCA 720
GGTCCTGTTC CCTCTTCTCC CAGCCAGGAG CCTCCCACCA AGCGGGAGTA TGACCAGTGT 780
CGCATACAGG TCAGGCTGCC AGATGGGACC TCACTGACCC AGACGTTCCG GGCCCGGGAA 840
CAGCTGGCAG CTGTGAGGCT CTATGTGGAG CTCCACCGTG GGGAGGAACT AGGTGGGGGC 900
CAGGACCCTG TGCAATTGCT CAGTGGCTTC CCCAGACGGG CCTTCTCAGA AGCTGACATG 960
GAGCGGCCTC TGCAGGAGCT GGGACTCGTG CCTTCTGCTG TTCTCATTGT GGCCAAGAAA1020
TGTCCCAGCT GAGGGCCTTT GTCCCATTGT CCCTCTGTGA CCCCTTCATC TTTGATAAAG1080
CACTGACATC TCCTTCCTAA TAAATAGACC CTGAGTTCTG T 1121

Name: 251 Len: 2337 Check: 25E0

GGAGCGGCCA ACATGGCGGA ACGCAGGAGA CACAAGAAGC GGATCCAGGA AGTTGGTGAA 60
CCATCTAAAG AAGAGAAGGC TGTGGCCAAG TATCTTCGAT TCAACTGTCC AACAAAGTCC 120
ACCAATATGA TGGGTCACCG GGTTGATTAT TTTATTGCTT CAAAAGCAGT GGACTGTCTT 180
TTGGATTCAA AGTGGGCAAA GGCCAAGAAA GGAGAGGAAG CTTTATTTAC AACCAGGGAG 240
TCTGTGGTTG ACTACTGCAA CAGGCTTTTA AAGAAGCAGT TTTTTCACCG AGCCCTAAAA 300
GTAATGAAAA TGAAATATGA TAAAGACATA AAGAAAGAAA AAGATAAAGG AAAAGCTGAA 360
AGTGGAAAAG AAGAAGATAA AAAGAGCAAG AAAGAAAATA TAAAGGATGA GAAGACAAAA 420
AAAGAAAAAG AGAAAAAAAA AGATGGTGAA AAGGAAGAAT CCAAAAAGGA GGAAACTCCA 480
GGAACTCCTA AAAAGAAGGA AACTAAGAAA AAATTCAAAC TTGAGCCACA TGATGATCAG 540
GTTTTTCTGG ATGGAAATGA GGTGTATGTA TGGATCTATG ACCCAGTTCA CTTTAAAACA 600
TTTGTCATGG GATTAATTCT TGTGATTGCA GTAATAGCGG CCACCCTCTT CCCCCTTTGG 660
CCAGCAGAAA TGAGAGTAGG TGTTTATTAC CTCAGTGTGG GTGCAGGCTG TTTTGTAGCC 720
AGTATTCTTC TCCTTGCTGT TGCTCGATGC ATTCTATTTC TCATCATTTG GCTCATAACT 780
GGAGGAAGGC ACCACTTTTG GTTCTTGCCA AATCTGACTG CTGATGTGGG CTTCATTGAC 840
TCCTTCAGGC CTCTGTACAC ACATGAATAC AAAGGACCAA AAGCAGACTT AAAGAAAGAT 900
GAGAAGTCTG AAACCAAAAA GCAACAGAAG TCCGACAGTG AGGAAAAGTC AGACAGTGAG 960
AAAAAGGAAG ATGAGGAGGG GAAAGTAGGA CCAGGAAATC ATGGAACAGA AGGCTCGGGG1020
GGAGAACGGC ATTCAGACAC GGACAGTGAC AGGAGGGAAG ATGATCGATC CCAGCACAGT1080
AGTGGAAATG GAAATGATTT TGAAATGATA ACAAAAGAGG AACTGGAACA GCAAACAGAT1140
GGGGATTGTG AAGAGGATGA GGAAGAGGAA AATGATGGAG AAACACCTAA ATCTTCACAT1200
GAAAAATCAT AATCTGACTA ATTTTGGGAC TGAATGAATA AGTACAAGAG GTTGGATTTT1260
CTATGTTGGC TGATTACCAT ATTGAACACA TGGCATTTGT AGCATTCTTT AAATCTATCT1320
ACTGAAATGT ATTTGACATT CAGGCAGTTA TATTCGGTCC TTCATTTTAT AGAATATTGG1380
CACTATTATT GGTACAGTTT AAAGCCATTA ATATGTTTTA TCCATTTGAT AATTTTACAG1440
TAAGTAGGTC TCATTCATTT TGACAGTTAT CAAAGATGTA CTTTCCACAG TTAAATTTAC1500
ATTAATGGCA ATTTTTGATA GTTTTATGGC TTTTTACTGT TAGACTAATC AAAAATAACT1560
TTAAAAGGAA CAAAGAAACT CCAACATTTC ACATTATGCA TAGTTATGTA GCCATTTCAC1620
AGTTTCTTTA AGATGTGTAA ACTCATTGTC CTTGATAGTT TTTATTTTTC ATTATAAAAT1680
TATACCAGGA GATTTCTTTT AAGATTCTGA GTTAGCAGAG TTCAAAACTA TTTTGTGGAA1740
ACAAGCCAAC TAGTAACAAT GCAGCAACAC TTCTGGTTTA GCTAAATTAT TTTTCCAATG1800
TAGGAAATCC ACACTGATTT GTACGTCTGA CTGAGAGAAA GATGGTCGTC TCCAGCAGAG1860
AAAGTGAACA GCATTTGTTG GAAGGTGATG GCTCTCCCTC CTCCCTCCCC ATTTCATTGG1920
CGTAACGTAA AGTGTATTCT GTACATAATT TACAAATAAA ACATTTTATT TTAATTGTTA1980
CTTATTATTT AGATATTTCT CAACACTTAA ATTCATAAAA TTAAGACCAT GTAAGGGTAT2040
GTTTTTAGAG AAATGGAAGT TTGAGTAACC CACAGAACAT CTGTGATCTT TCTACAGCAG2100
CTTCAGTTTT GTGCCAACAT TCCATGTATT TTGAATATGA GCAAAAACTG ATCTTAAGAG2160
CAGACTTAAA GTAGCTTTGT ACGCCTTAAT GTTCATTTTG ATTTATTTTA AATCTTTACA2220
TTCAGAAATG AGATACTGTA TTATCAGACC AGGAGGCATT GCTGTGAAAG ATAATTTCCT2280
ATTCTAAAAT ATCAAATTTA AAATAAAGAT AATGAAAGAA AAAAAAAAAA AAAAAAA 2337

Name: 252 Len: 3380 Check: 3E0

GCACACCATG GTGCACTTCT GTGGCCTACT CACCGTCCAC CGGGAGCCAG TGCCGCTGAA 60

146

GAGTATCTCT GTGAGCGTGA ACATTTACGA GTTTGTGGCT GGTGTGTCTG CAACTTTGAA 120
CTACGAGAAT GAGGAGAAAG TTCCTTTGGA GGCCTTCTTT GTGTTCCCCA TGGATGAAGA 180
CTCTGCTGTT TACAGCTTTG AGGCCTTGGT GGATGGGAAG AAAATTGTAG CAGAATTACA 240
AGACAAGATG AAGGCCCGCA CCAACTATGA GAAAGCCATC TCCCAGGGCC ACCAGGCCTT 300
CTTATTGGAG GGGGACAGCA GCTCCAGGGA TGTCTTCTCT TGCAATGTGG GTAACCTCCA 360
ACCTGGGTCG AAGGCGGCAG TCACCCTGAA GTATGTGCAG GAGCTGCCTC TGGAAGCAGA 420
TGGGGCTCTG CGCTTTGTGC TCCCAGCTGT CCTGAATCCT AGATACCAGT TCTCTGGGTC 480
GTCTAAGGAC AGTTGCCTTA ATGTGAAGAC TCCTATAGTC CCTGTGGAGG ACCTGCCCTA 540
CACACTCAGC ATGGTCGCCA CCATAGATTC CCAGCATGGC ATTGAGAAGG TCCAATCCAA 600
CTGCCCCTTG AGTCCTACCG AGTACCTAGG AGAGGACAAG ACTTCTGCTC AGGTTTCCCT 660
GGCTGCTGGA CACAAGTTTG ATCGGGACGT GGAACTCCTG ATTTACTACA ATGAGGTGCA 720
TACCCCCAGC GTGGTTTTGG AGATGGGGAT GCCTAACATG AAGCCAGGTC ATTTGATGGG 780
AGATCCATCT GCAATGGTGA GTTTCTATCC AAATATCCCA GAAGATCAAC CATCAAATAC 840
CTGTGGAGAG TTTATCTTTC TCATGGACCG CTCGGGAAGT ATGCAGAGCC CCATGAGTAG 900
CCAGGATACA TCTCGCTGCG AATACAGGCA GCCAAGGAAA CACTGATTTT GCTGCTGAAG 960
AGTTTACCTA TAGGCTGTTA TTTCAACATC TATGGATTTG GCTCTTCCTA TGAGGCATGC1020
TTTCCGGAGA GTGTGAAGTA CACTCAGCAA ACAATGGAGG AGGCTCTGGG GAGAGTGAAG1080
CTTATGCAGG CCGACCTAGG GGGCACTGAA ATCTTGGCAC CACTCCAGAA CATTTACAGG1140
GGACCCTCCA TCCCAGGCCA CCCCCTACAG CTTTTTGTCT TTACAGATGG AGAAGTTACA1200
GACACGTTTA GTGTAATTAA AGAAGTTAGG ATCAACAGAC AGAAACACAG GTGTTTCTCA1260
TTTGGTATTG GAGAAGGCAC CTCCACCAGC CTAATAAAAG GTATTGCCCG GGCATCAGGG1320
GGCACCTCAG AATTTATCAC AGGCAAAGAC AGGATGCAGT CCAAGGCTCT CAGGACTCTG1380
AAACGCTCTC TGCAGCCTGT GGTAGAGGAT GTCTCTCTGA GCTGGCATTT GCCTCCTGGT1440
CTGTCTGCTA AAATGCTTTC CCCAGAACAG ACTGTCATCT TTAGGGGTCA GAGATTAATC1500
AGCTATGCCC AGCTGACCGG GAGGATGCCA GCAGCAGAGA CAACAGGAGA AGTATGCCTC1560
AAATATACAC TCCAGGGCAA GACTTTTGAG GATAAGGTGA CATTTCCTCT ACAACCCAAG1620
CCTGATGTCA ACCTCACCAT TCACCGCCTT GCTGCCAAGT CCTTGCTCCA GACCAAGGAC1680
ATGGGCCTCA GGGAGACTCC AGCAAGTGAT AAAAAAGATG CATTGAACCT TAGCCTTGAG1740
TCTGGTGTCA TAAGCTCCTT CACAGCTTTC ATTGCTATCA ATAAGGAGCT CAACAAGCCG1800
GTTCAGGGGC CTCTGGCTCA TAGGGACGTC CCAAGGCCAA TTCTGTTGGG TGCTTCTGCC1860
CCATTGAAGA TAAAATGCCA ATCAGGTTTT CGAAAGGCCT TACACTCTGA CCGTCCTCCT1920
TCTGCATCTC AGCCCAGAGG GGAACTTATG TGTTATAAGG CCAAGACATT CCAGATGGAC1980
GATTACAGTC TCTGTGGGTT GATAAGTCAC AAGGACCAGC ACAGTCCAGG CTTTGGAGAG2040
AATCACCTTG TGCAGCTGAT TTACCACCAA AATGCAAATG GTTCCTGGGA TCTGAATGAA2100
GATCTAGCCA AGATCCTAGG TATGAGTTTG GAAGAAATAA TGGCTGCACA GCCTGCCGAG2160
CTTGTGGATT CCTCAGGCTG GGCCACCATC CTGGCCGTGA TCTGGCTGCA CAGCAATGGT2220
AAGGACTTGA AGTGTGAATG GGAGCTTCTG GAAAGGAAGG CCGTGGCCTG GATGCGTGCC2280
CATGCAGGCT CCACCATGCC TTCGGTTGTG AAAGCTGCTA TTACTTTCCT GAAGTCATCT2340
GTGGATCCTG CTATCTTTGC CTTTTGAAGA TACCATCCAG AAAAAGAAGT GCCTTTAATT2400
TGCTACTGTC ATTTCCTCTA GTATCACTTT TGCTGTGATG ATGTGTTCTT GTGTATTATA2460
ACTCTTTATT TTTTGCCATA AAAGTAAAGG ATGCTTACTC CACTTCGCTT CTCTGCTCCA2520
GGTTCACTTT GGATATGATC TTTCTTTTCC CAACATATGC CCTCAGAAAA GTGACAGTGG2580
TCCCAGAACC TATTCCCTTT CTTGAGGGAG TTCAAAACAT TCATAGGCAG TAATGTTCCT2640
CCCAGGGTTT CCAGGGAAAC AACATGAAAA ACAGGTGACA TGAACTACAG ACTAAAGATT2700
GCAGCATTTA TGTTAGAGAA TGCTTGAATT AGAGAATTTT CTGCATTATC TTTGTCTGTT2760
CACTTTCTAT CTTATATACT TATCAGGGCC ATACTGGTAA GCTTGCGTAG GAGGAGTTAG2820
AGGGAAGTTG AAAGCCAACA TCTGGATCAA TGTAATGTCA AGATCACAAA GACAGAGACT2880
GCAGGGGTCC ACTGTGAGAG GTGACACTGT TGGGGACCTT CCTGATTCAT TCTTCTTGGG2940
CTTTGCTAGC CTGTACAACC TACATGTCTT TTCTTCCACT GCCTGAAAGA CTTGGGTTGA3000
ACTATAACTG TTGGAGAGAG ATGTTCCTCT TTAATCATGA AACACCTTAA GAAGTCTATA3060
ATGCAATCCT TAGTCCTACC CTGAACCTAT GTGTCCTCTA AGTCAGGCCC TGATCTAGTG3120
CAGTAAAGGG AAGGGTGGGC TTAATGGGAG CTTTGCCTGG GACCTGAACC TGGAGCACTT3180
ACCGCATTAG GAAGAAAGGA GCTCCCCGTA ATCGTTCCTG ACCCTTGTGT CTCATATACC3240
CTATCCTGGT GGAAATGACC CTATTTGATA TGCTGTCCCT TAAAATAACT TGTATCAATA3300
TTAAAATGAC TATTTCTACC CTTTAAAAAA AAAAAAAAAA AAAAAAAAAA AAAAAAAAAA3360
AAAAAAAAAA AAAAAAAAAA 3380

Name: 253 Len: 6823 Check: 1202

GGCGGACAAA ACGCCAGGCG GATCTCAGAA GGCCAGTTCA AAGACGAGAT CATCAGATGT 60
TCATTCATCT GGATCTTCAG ATGCACATAT GGATGCATCT GGACCCTCAG ATAGTGATAT 120
GCCAAGTCGG ACACGACCTA AGAGCCCAAG AAAACATAAT TATAGGAATG AAAGTGCCCG 180
TGAAAGCCTT TGTGATTCTC CTCATCAGAA TCTCTCAAGA CCTCTTCTGG AAAACAAACT 240
TAAAGCATTC AGTATTGGAA AAATGAGTAC AGCTAAGCGA ACTTTAAGTA AAAAGGAACA 300
GGAAGAATTA AAGAAAAAGG AGGATGAAAA GGCAGCTGCT GAGATTTATG AGGAGTTTCT 360

```
TGCTGCTTTT GAAGGAAGTG ATGGTAATAA AGTGAAAACA TTTGTGCGAG GGGGTGTTGT 420
TAATGCAGCT AAAGAAGAAC ATGAAACAGA TGAAAAAAGA GGTAAAATCT ATAAGCCATC 480
TTCAAGATTT GCAGATCAAA AAAATCCTCC AAATCAGTCT TCCAATGAAA GACCACCATC 540
TCTTCTTGTG ATAGAAACCA AAAAACCTCC ACTTAAAAAA GGAGAGAAAG AAAAGAAAAA 600
AAGCAATTTG GAACTCTTCA AAGAAGAATT AAAGCAAATT CAAGAGGAAC GTGATGAGAG 660
ACATAAAACA AAAGGCAGAT TAAGTCGATT TGAACCTCCT CAGTCAGATT CTGATGGTCA 720
GCGTCGTTCT ATGGACGCGC CTTCAAGAAG AAATAGATCA TCTGGTGTTC TTGATGATTA 780
CGCACCTGGC TCACATGATG TAGGAGATCC AAGCACTACT AATTTATACC TTGGAAACAT 840
TAATCCACAG ATGAATGAAG AAATGCTGTG CCAAGAATTT GGAAGATTTG GACCGTTAGC 900
CAGTGTGAAA ATCATGTGGC CTAGAACTGA TGAAGAAAGA GCCAGAGAGA GAAATTGCGG 960
CTTTGTGGCC TTTATGAATA GAAGAGATGC TGAAAGAGCT TTAAAAAATT TGAATGGAAA1020
AATGATTATG TCTTTTGAAA TGAAGTTAGG TTGGGGTAAA GCTGTACCTA TTCCTCCACA1080
TCCAATATAC ATTCCGCCTT CTATGATGGA ACATACGCTT CCCCCACCTC CATCCGGACT1140
GCCTTTTAAT GCGCAGCCTA GAGAGCGGTT AAAAAACCCT AATGCTCCTA TGTTACCGCC1200
ACCTAAAAAC AAAGAGGATT TTGAGAAGAC TCTGTCGCAA GCCATAGTCA AAGTGGTTAT1260
CCCAACAGAA AGGAATTTGC TCGCCCTGAT ACATCGAATG ATAGAGTTTG TTGTACGTGA1320
AGGGCCAATG TTTGAAGCTA TGATTATGAA CAGAGAAATC AACAATCCTA TGTTCAGGTT1380
CTTATTTGAA AACCAGACAC CAGCCCATGT TTACTATAGG TGGAAGCTTT ATTCTATTCT1440
GCAGGGAGAT TCTCCAACTA AATGGCGGAC GGAAGATTTT CGTATGTTCA AAAATGGATC1500
TTTTTGGAGG CCACCACCAT TAAATCCGTA CTTGCATGGA ATGTCAGAAG AGCAAGAAAC1560
AGAAGCTTTT GTAGAGGAAC CTAGTAAAAA GGGAGCACTT AAGGAAGAAC AGAGGGATAA1620
ATTGGAAGAA ATCTTGCGGG GATTAACTCC AAGGAAAAAT GATATTGGAG ATGCAATGGT1680
TTTCTGTCTT AATAATGCTG AAGCTGCTGA AGAAATAGTG GATTGCATTA CTGAGTCGTT1740
GTCCATCTTA AAGACACCCC TTCCTAAAAA GATTGCCAGA TTATATTTGG TTTCTGATGT1800
TTTGTACAAC TCTTCAGCCA AAGTTGCTAA TGCTTCATAT TATAGAAAAT TTTTTGAAAC1860
AAAGTTATGT CAGATATTTT CAGACCTCAA TGCCACCTAT CGTACAATTC AAGGCCATTT1920
ACAATCTGAA AACTTTAAGC AACGGGTAAT GACTTGCTTC AGAGCATGGG AAGATTGGGC1980
AATTTATCCA GAACCATTTT TGATCAAACT ACAAAATATT TTCTTAGGAC TTGTAAATAT2040
TATTGAAGAA AAGGAAACAG AGGATGTTCC AGATGACCTT GATGGTGCCC CCATCGAGGA2100
AGAGCTTGAT GGTGCACCTC TGGAAGATGT AGATGGAATT CCTATTGATG CTACTCCCAT2160
CGATGATCTT GATGGAGTCC CTATAAAAAG TCTTGATGAT GATCTTGATG GAGTGCCTTT2220
GGATGCAACT GAAGACTCAA AAAAGAATGA GCCTATATTT AAAGTTGCCC CATCAAAATG2280
GGAAGCTGTG GATGAATCTG AATTGGAAGC ACAGGCTGTT ACAACTTCTA AATGGGAATT2340
ATTTGACCAG CATGAAGAAT CAGAAGAAGA AGAAAATCAA AATCAAGAAG AAGAAAGTGA2400
AGATGAAGAA GATACTCAAA GTTCCAAATC TGAAGAACAT CATTTGTACT CTAATCCAAT2460
CAAAGAAGAA ATGACTGAGT CTAAGTTCTC TAAGTACTCT GAAATGAGTG AGGAAAAACG2520
AGCCAAACTT CGTGAAATTG AGCTCAAAGT TATGAAGTTT CAGGATGAAT TGGAATCTGG2580
GAAAAGACCT AAAAAACCAG GCCAGAGTTT TCAGGAGCAA GTAGAACACT ACAGAGATAA2640
ACTTCTTCAA CGAGAGAAAG AGAAAGAGTT AGAAAGAGAA CGAGAAAGAG ACAAGAAAGA2700
TAAAGAAAAA TTGGAATCTC GCTCCAAAGA CAAGAAGGAA AAAGATGAGT GTACTCCGAC2760
AAGGAAGGAA AGGAAGAGGC GACACAGTAC ATCCCCCAGC CCATCTCGCA GTAGCAGTGG2820
TAGACGAGTG AAATCCCCAT CACCAAAATC GGAGCGATCA GAGCGTTCAG AAAGATCTCA2880
TAAAGAGAGC TCACGGTCCA GGTCATCTCA CAAAGATTCT CCTAGAGATG TTAGCAAAAA2940
AGCCAAAAGA TCACCATCTG GTTCAAGGAC ACCTAAAAGG TCTAGGCGAT CACGGTCTAG3000
ATCTCCTAAA AAATCAGGAA AGAAGTCCAG ATCCCAGTCC AGATCTCCAC ACAGGTCTCA3060
TAAAAAGTCA AAGAAAAACA AACACTGACG TAAATTTTTA AGATGCTGTC ACTTATTGGA3120
AATGCGATTT GTTTTGTGCC TGAACGGTCT GTTTTTTAAA AAAACAAAAA ATCAAATGAA3180
AGAGCATTCC TGGGGTTTTT TGTTTGTTTG TGTATGCATG TGTAAACTCA TGAGCAACTG3240
CATCTGTAGA TCTGTCATTG TTTTATATTG TGTAAATTAC TTTCATTGTG GCTATTTCTC3300
AAGATGAAAT TTTTATTGTT CTAATGGATT TCATCAGAAA TGTGTATAAT GGATCTGCTG3360
ACAGTAGTAG TATTTTGTTT TAGGATGTTG TGACTTAGCA AAAATAATAC AGATGTCTTC3420
CCCCCTTTTG TAGCTTTGAC AATTTGAATT AGATTTCAAA TAAAATCTGA ACAGAAAACT3480
ATAATGTTGT TTTTTTGCCC CACCGGTGAT ATTAAGTCCC TTAAAGTCCT ACTGAGTTTC3540
ACACTACTGT TGTGCTTCTT ATACCTGATG CACTTTATAA GCCCCAGTGT TCAAGTAGCT3600
TAAGTTTTAT ATTTACTAAG ATGACTATCC AAATTAAGGG ACCTGAGACT CCTATTTGGT3660
GGTTTGCTAA CCATTTGCTT TTGATAAGTT TCTCTTGGGT AATACTAATA CCCAGATATC3720
AAAGACTAGG TAGATATGGC ATGGCGTTTT GTTAGTGGAA TGCCTGGCTA AAACATTTTT3780
TTCACAGAAG CAATATGATT TCCATACATC CAACCCATGT TCTGAGCAAC TACTTACTTT3840
TAGGGGGAAA TTAAATATCT TTTCATTTCC TCTTCTATTA TGAAAGAAGT TTATTTGTAA3900
AACAAATTTT CTAACAAGGT TTGGCCATAG AATTCTCTTG TATGATTGTT GACCTTTTAT3960
AATCTTCTGT AGGCTATCTT TCAAACACTG GCATCAGAAT ATTTTTTATA AGTTTGTGTT4020
TAAACAGCTT AGTTGGTCCC CCCCCCCACT CCCAAGAGAC TTGGGTTTAG TTATAGCTTT4080
AAGTAAAATT TAAAAATAAA ATGTTTTTCA GGAAACTTCG TATCTAATGG TTTGTAAATT4140
```

148

```
CAAGGTGCAA AAAGTTGATT TAAACCATTT GCAGAGTTGA ACTCTATTAT GAAAATAAAT4200
TTGCTACGGT ATGAGGAAGA AATAAAACTT GTGTAATGTT GGTCATAATA CTGCTATAAA4260
TATAATAAAG GGTTATGTAG AATTGAACTG ACACTATTAT TTGTGAATCT TGATTTCAGT4320
TTTTTATGTA GGCACTTCAT ACACTGGTTT GATGGGTTTT TTTTTTCCTC CCTAAAAGAG4380
AAAGTAGAAA ACTATTCTAA CAATGGATTA TTTTGATTTA GCTTGCTTTT TAAAAAAATC4440
TTTTCAACTT GTTTTACTTA ATCTTGCCTA GTCACAAAAT AAGATGTGCA CCCATGGTTT4500
GGAGAGTTCC TATATTAGCT GAGCAGTGAG ATACACTATT TCCAAACGGT GCACACCTAC4560
AGTAGCTTTG GAAATGAGCC AATCACTGTT TTACTTAATG GTTCTTATCA GCATGCAAAT4620
ATTGCTTGAA AGTTATTTCC TTATTCACTG TTTTGTTAGT CCATTTTGTT AGGAAACATT4680
AATTCCTAAA AATTTGTTCA GAATAATTAA AAGTGAACAT TTGGTGCTGA TACTCAAAAA4740
CCTACAAATG TAGCCATTTA AAAAGTAACA TGTTTTTCTC CCCTGCTCAT TGCCTGGGAG4800
AATGGAATTT TATATAACTA CCTTTCTTTG CAAAAATAAC GGTCGTGTCG AGTTGGTGGT4860
GATTTTGGCA TTCCATCTTG CACTGGTTTC TAGTATAGGC TTAGAAATAA TTGGTCAGGT4920
AATAATCTTT CCAGTCAAGT TGCAAGGGAT GCTTATTTCT CTTCAAAAAA AGACATCCTG4980
CGGGATTGAG TAGAAAATTT TAGGTCAGTT TTGGGTGCTT ATTTGTAATA TTTTTCCTAC5040
TACATTGGAG TTTAGCAGTT CTTTTTTTCT GGATCCAGAT ACAAGTGTCA TGGTTTATCT5100
TACAGTGGGT GAAACTGACT TTCTTTTGGT TGGGTGGGTG AGGATTTCTT AGGCCTGATA5160
GAATATATAT TCTGTGAAGT TTGTTAATGT ACATATTAGA TTGTATTGGA TTTTTTTTTC5220
TTGAATTGCA AATGGTATTA TTAGATAGGT TATTTCCAGT TTTACTTCAT GACAAATTAC5280
CTAGAGTAAA CCTACTTAAT ACTCCAATGG ATTCTATGAA AGTTTAATGG GATCAGAAAT5340
TGGTGACTTA TAAGGGGGAA GATATTCTAC CATATTTTTA TAATAGCTTA TTATTCATGT5400
TTCTTGTCTG AAGGACACTC AAGTTACAGA GCAAAATTTC TATAGGTTGA CTAGAATGTT5460
CATAAGCATG GTCTTCCAGT TGCAGGAAAG ATCATGTTCT ATCTGTGGAC ACTTACTGTC5520
CTCTACCACA GCTACGTGCC AGAGTTGTTT TCCACAGTTC TTATAAAGGG CATGACTTAG5580
GCTCTTTACC CTCCAACTTA ATGTTTATAC ACAGGGATTG TTTACTAGGT TAATGACATT5640
TAACTCCCCT CTCTTCTGTA GGTGAGAGAA AATAAGTAAG TCTTGATCTG TTTCTTACCA5700
AAGAGAGACA GACCTATGAT GGAAAATGAT CACGTCTCTG AATTTTTTCT TTAACGTTAT5760
AGTTCCTTAT TACAGATAGT AAGCATATGG GAATTTCTGA GCTATAACAT GTTGAGAAGT5820
TAGAAATTAA AACTAACACA ACAAAAGGCG CTGAATCAAA AGATCTTTGC TTTTATTTGG5880
CTCAGAATGT TTTTGGCTTT TCTGCTAAAG ATGGCAGAAA TTACTCTACA CAGACCTGAT5940
TTTTCTTTAT TGCAGACCAT TCTTGTGGGC TTACCCTGAG ACTTTTATCC CAATTAGTGA6000
ATCTTGGAGG GAATACTTGC TTATTTATGA CTTAGGTATT TCCCCCCAAA CTTTAATATT6060
CTTGAGCACT TGAAAATACT TTTGAGAAAT TTTAACTGTG ATTAAATTTA GGTTTATTAG6120
AAATATTCTG TACACATTTG CCTCCATGGT GGTGTAAGTT CTGAAAAATT ATATGACCGT6180
GACAATAGTT TATCATCATC ATTATTGTTA TTCAAAATAA GGGTAAATAA ATCTCTGTAT6240
TGCCAAAGTG ACTTAAACTG TTCTGATGAC CACACAGTGT GATTTCTTTA GCAGAGAAAG6300
TTGGTTTTAA AAATAAATAG TACCACTTTT CTAAGACTGT ACAGTTTACA AATAAGGTTT6360
TTTTCTTTGT TGTTTTCCTC TTCTATTAAG TTTTAGTGAA AAGCCTAATT ACAGAAAATT6420
GTGCAGATAC TAGTGAAGAT ACTAGTATAA GTTTAAAGGA ACATGTGACT GTAAAATCTC6480
ACATTTACAA AGTGCTTGAT CTCTTCATAT TTCACACGCA TGTTTTAGAA TAGATTTTAG6540
GGAGTGTTTA ATTCATTATC CTTTTGACTT AAAATTTTTG TTACCAACTT CCTAGGACTT6600
AGATAATATA TAAATAAGTA CAAATCCCAG GGGAAGTGTT GTGATGCTAG ACTAAAAGGT6660
GGGAATGTGC TGCTGTTCCG TGAGCCTTGT TCCATTGTTG AAAATTTGAT GCCTCAGTGT6720
TTATTCAGTA CCACCTCATG GAGCTTCAAT GTAAATGGAT TATATGTATA ATTGGTAATT6780
TGTATAGTTT TGTAGATTGT AGATTAAATG CACTCATCAT GTC                  6823
Name: 254              Len:  6252  Check:      EDD
GCGGGGGGCA ATGGCACTGC AGCTCTGGGC CCTGACCCTG CTGGGCCTGC TGGGCGCAGG  60
TGCCAGCCTG AGGCCCCGCA AGCTGGACTT CTTCCGCAGC GAGAAAGAGC TGAACCACCT 120
GGCTGTGGAT GAGGCCTCAG GCGTGGTGTA CCTGGGGGCG GTGAATGCCC TCTACCAGCT 180
GGATGCGAAG CTGCAGCTGG AGCAGCAGGT GGCCACGGGC CCGGCCCTGG ACAACAAGAA 240
GTGCACGCCG CCCATCGAGG CCAGCCAGTG CCATGAGGCT GAGATGACTG ACAATGTCAA 300
CCAGCTGCTG CTGCTCGACC CTCCCAGGAA GCGCCTGGTG GAGTGCGGCA GCCTCTTCAA 360
GGGCATCTGC GCTCTGCGCG CCCTGAGCAA CATCTCCCTC CGCCTGTTCT ACGAGGACGG 420
CAGCGGGGAG AAGTCTTTCG TGGCCAGCAA TGATGAGGGC GTGGCCACAG TGGGGCTGGT 480
GAGCTCCACG GGTCCTGGTG GTGACCGCGT GCTGTTTGTG GGCAAAGGCA ATGGGCCACA 540
CGACAACGGC ATCATCGTGA GCACTCGGCT GTTGGACCGG ACTGACAGCA GGGAGGCCTT 600
TGAAGCCTAC ACGGACCACG CCACCTACAA GGCCGGCTAC CTGTCCACCA ACACACAGCA 660
GTTCGTGGCG GCCTTCGAGG ACGGCCCCTA CGTCTTCTTT GTCTTCAACC AGCAGGACAA 720
GCACCCGGCC CGGAACCGCA CGCTGCTGGC ACGCATGTGC AGAGAAGACC CCAACTACTA 780
CTCCTACCTG GAGATGGACC TGCAGTGCCG GGACCCCGAC ATCCACGCCG CTGCCTTTGG 840
CACCTGCCTG GCCGCCTCCG TGGCTGCGCC TGGCTCTGGC AGGGTGCTAT ATGCTGTCTT 900
CAGCAGAGAC AGCCGGAGCA GTGGGGGGCC CGGTGCGGGC CTCTGCCTGT TCCCGCTGGA 960
CAAGGTGCAC GCCAAGATGG AGGCCAACCG CAACGCCTGT TACACAGGCA CCCGGGAGGC1020
```

149

CCGTGACATC TTCTACAAGC CCTTCCACGG CGATATCCAG TGCGGCGGCC ACGCGCCGGG1080
CTCCAGCAAG AGCTTCCCAT GTGGCTCGGA GCACCTGCCC TACCCGCTGG GCAGCCGCGA1140
CGGGCTCAGA GGCACAGCCG TGCTGCAGCG TGGAGGCCTG AACCTCACGG CCGTGACGGT1200
CGCCGCCGAG AACAACCACA CTGTTGCTTT TCTGGGCACC TCTGATGGCC GGATCCTCAA1260
GGTGTACCTC ACCCCAGATG GCACCTCCTC AGAGTACGAC TCTATCCTTG TGGAGATAAA1320
CAAGAGAGTC AAGCGCGACC TGGTACTGTC TGGAGACCTG GGCAGCCTGT ACGCCATGAC1380
CCAGGACAAG GTGTTCCGGC TGCCGGTGCA GGAGTGCCTG AGCTACCCGA CCTGCACCCA1440
GTGCCGCGAC TCCCAGGACC CCTACTGCGG CTGGTGCGTC GTCGAGGGAC GATGCACCCG1500
GAAGGCCGAG TGTCCGCGGG CCGAGGAGGC CAGCCACTGG CTGTGGAGCC GAAGCAAGTC1560
CTGCGTGGCC GTCACCAGCG CCCAGCCACA GAACATGAGC CGGCGGGCCC AGGGGGAGGT1620
GCAGCTGACC GTCAGCCCCC TCCCTGCCCT GAGCGAGGAG GACGAGTTGC TGTGCCTTTT1680
TGGGGAGTCG CCGCCACACC CCGCCCGCGT GGAGGGCGAG GCCGTCATCT GCAACTCCCC1740
AAGCAGCATC CCCGTCACAC CGCCAGGCCA GGACCACGTG GCCGTGACCA TCCAGCTCCT1800
CCTTAGACGA GGCAACATCT TCCTCACGTC CTACCAGTAC CCCTTCTACG ACTGCCGCCA1860
GGCCATGAGC CTGGAGGAGA ACCTGCCGTG CATCTCCTGC GTGAGCAACC GCTGGACCTG1920
CCAGTGGGAC CTGCGCTACC ACGAGTGCCG GGAGGCTTCG CCCAACCCTG AGGACGGCAT1980
CGTCCGTGCC CACATGGAGG ACAGCTGTCC CCAGTTCCTG GGACCCAGCC CCCTGGTGAT2040
CCCCATGAAC CACGAGACAG ATGTGAACTT CCAGGGCAAG AACCTGGACA CCGTGAAGGG2100
TTCCTCCCTG CACGTGGGCA GTGACTTGCT CAAGTTCATG GAGCCGGTGA CCATGCAGGA2160
ATCTGGGACC TTCGCCTTTC GGACCCCAAA GCTGTCCCAC GATGCCAACG AGACGCTGCC2220
CCTGCACCTC TACGTCAAGT CTTACGGCAA GAATATCGAC AGCAAGCTCC ATGTGACCCT2280
CTACAACTGC TCCTTTGGCC GCAGCGACTG CAGCCTGTGC CGGGCCGCTA ACCCCGACTA2340
CAGGTGTGCG TGGTGCGGGG GCCAGAGCAG GTGCGTGTAT GAGGCCCTGT GCAACACCAC2400
CTCCGAGTGC CCGCCGCCCG TCATCACCAG GATCCAGCCT GAGACGGGCC CCCTGGGTGG2460
GGGCATCCGC ATCACCATCC TGGGGTCCAA TTTGGGCGTC CAAGCAGGGG ACATCCAGAG2520
GATCTCTGTG GCCGGCCGGA ACTGCTCCTT TCAGCCGGAA CGTTACTCCG TGTCCACCCG2580
GATCGTGTGT GTGATCGAGG CTGCGGAGAC GCCTTTCACG GGGGGTGTCG AGGTGGACGT2640
CTTCGGGAAA CTGGGCCGTT CGCCTCCCAA TGTCCAGTTC ACCTTCCAAC AGCCCAAGCC2700
TCTCAGTGTG GAGCCGCAGC AGGGACCGCA GGCGGGCGGC ACCACACTGA CCATCCACGG2760
CACCCACCTG GACACGGGCT CCCAGGAGGA CGTGCGGGTG ACCCTCAACG GCGTCCCGTG2820
TAAAGTGACG AAGTTTGGGG CGCAGCTCCA GTGTGTCACT GGCCCCCAGG CGACACGGGG2880
CCAGATGCTT CTGGAGGTCT CCTACGGGGG GTCCCCCGTG CCCAACCCCG GCATCTTCTT2940
CACCTACCGC GAAAACCCCG TACTGCGAGC CTTCGAGCCG CTACGAAGCT TTGCCAGTGG3000
TGGCCGCAGC ATCAACGTCA CGGGTCAGGG CTTCAGCCTG ATCCAGAGGT TTGCCATGGT3060
GGTCATCGCG GAGCCCCTGC AGTCCTGGCA GCCGCCGCGG GAGGCTGAAT CCCTGCAGCC3120
CATGACGGTG GTGGGTACAG ACTACGTGTT CCACAATGAC ACCAAGGTCG TCTTCCTGTC3180
CCCGGCTGTG CCTGAGGAGC CAGAGGCCTA CAACCTCACG GTGCTGATCG AGATGGACGG3240
GCACCGTGCC CTGCTCAGAA CAGAGGCCGG GGCCTTCGAG TACGTGCCTG ACCCCACCTT3300
TGAGAACTTC ACAGGTGGCG TCAAGAAGCA GGTCAACAAG CTCATCCACG CCCGGGGCAC3360
CAATCTGAAC AAGGCGATGA CGCTGCAGGA GGCCGAGGCC TTCGTGGGTG CCGAGCGCTG3420
CACCATGAAG ACGCTGACGG AGACCGACCT GTACTGTGAG CCCCCGGAGG TGCAGCCCCC3480
GCCCAAGCGG CGGCAGAAAC GAGACACCAC ACACAACCTG CCCGAGTTCA TTGTGAAGTT3540
CGGCTCTCGC GAGTGGGTGC TGGGCCGCGT GGAGTACGAC ACACGGGTGA GCGACGTGCC3600
GCTCAGCCTC ATCTTGCCGC TGGTCATCGT GCCCATGGTG GTCGTCATCG CGGTGTCTGT3660
CTACTGCTAC TGGAGGAAGA GCCAGCAGGC CGAACGAGAG TATGAGAAGA TCAAGTCCCA3720
GCTGGAGGGC CTGGAGGAGA GCGTGCGGGA CCGCTGCAAG AAGGAATTCA CAGACCTGAT3780
GATCGAGATG GAGGACCAGA CCAACGACGT GCACGAGGCC GGCATCCCCG TGCTGGACTA3840
CAAGACCTAC ACCGACCGCG TCTTCTTCCT GCCCTCCAAG GACGGCGACA AGGACGTGAT3900
GATCACCGGC AAGCTGGACA TCCCTGAGCC GCGGCGGCCG GTGGTGGAGC AGGCCCTCTA3960
CCAGTTCTCC AACCTGCTGA ACAGCAAGTC TTTCCTCATC AATTTCATCC ACACCCTGGA4020
GAACCAGCGG GAGTTCTCGG CCCGCGCCAA GGTCTACTTC GCGTCCCTGC TGACGGTGGC4080
GCTGCACGGG AAACTGGAGT ACTACACGGA CATCATGCAC ACGCTCTTCC TGGAGCTCCT4140
GGAGCAGTAC GTGGTGGCCA AGAACCCCAA GCTGATGCTG CGCAGGTCTG AGACTGTGGT4200
GGAGAGGATG CTGTCCAACT GGATGTCCAT CTGCCTGTAC CAGTACCTCA AGGACAGTGC4260
CGGGGAGCCC CTGTACAAGC TCTTCAAGGC CATCAAACAT CAGGTGGAAA AGGGCCCGGT4320
GGATGCGGTA CAGAAGAAGG CCAAGTACAC TCTCAACGAC ACGGGGCTGC TGGGGGATGA4380
TGTGGAGTAC GCACCCCTGA CGGTGAGCGT GATCGTGCAG GACGAGGGAG TGGACGCCAT4440
CCCGGTGAAG GTCCTCAACT GTGACACCAT CTCCCAGGTC AAGGAGAAGA TCATTGACCA4500
GGTGTACCGT GGGCAGCCCT GCTCCTGCTG GCCCAGGCCA GACAGCGTGG TCCTGGAGTG4560
GCGTCCGGGC TCCACAGCGC AGATCCTGTC GGACCTGGAC CTGACGTCAC AGCGGGAGGG4620
CCGGTGGAAG CGCGTCAACA CCCTTATGCA CTACAATGTC CGGGATGGAG CCACCCTCAT4680
CCTGTCCAAG GTGGGGGTCT CCCAGCAGCC GGAGGACAGC CAGCAGGACC TGCCTGGGGA4740
GCGCCATGCC CTCCTGGAGG AGGAGAACCG GGTGTGGCAC CTGGTGCGGC CGACCGACGA4800

150

GGTGGACGAG GGCAAGTCCA AGAGAGGCAG CGTGAAAGAG AAGGAGCGGA CGAAGGCCAT4860
CACCGAGATC TACCTGACGC GGCTGCTCTC AGTCAAGGGC ACACTGCAGC AGTTTGTGGA4920
CAACTTCTTC CAGAGCGTGC TGGCGCCTGG GCACGCGGTG CCACCTGCAG TCAAGTACTT4980
CTTCGACTTC CTGGACGAGC AGGCAGAGAA GCACAACATC CAGGATGAAG ACACCATCCA5040
CATCTGGAAG ACGAACAGCT TACCGCTCCG GTTCTGGGTG AACATCCTCA AGAACCCCCA5100
CTTCATCTTT GACGTGCATG TCCACGAGGT GGTGGACGCC TCGCTGTCAG TCATCGCGCA5160
GACCTTCATG GATGCCTGCA CGCGCACGGA GCATAAGCTG AGCCGCGATT CTCCCAGCAA5220
CAAGCTGCTG TACGCCAAGG AGATCTCCAC CTACAAGAAG ATGGTGGAGG ATTACTACAA5280
GGGGATCCGG CAGATGGTGC AGGTCAGCGA CCAGGACATG AACACACACC TGGCAGAGAT5340
TTCCCGGGCG CACACGGACT CCTTGAACAC CCTCGTGGCA CTCCACCAGC TCTACCAATA5400
CACGCAGAAG TACTATGACG AGATCATCAA TGCCTTGGAG GAGGATCCTG CCGCCCAGAA5460
GATGCAGCTG GCCTTCCGCC TGCAGCAGAT TGCCGCTGCA CTGGAGAACA AGGTCACTGA5520
CCTCTGACCT ACAATCTCCA GTGCTGCCTT GGGACATAGG TACCTGAGGT ACCTGAGAGC5580
CCCTCAGGGG AGGAGGCCGA GTGGCTGTGG CTGAGGCCCC CACCCTCCCC TGGAACGCGC5640
CCCAAGCCGG AGTGGGTGCA GCCGGAACCC GCCCAGCGTC TAGACTGTAG CATCTTCCTC5700
TGAGCAATAC CGCCGGGCAC CGCACCAGCA CCAGCCCCAG CCCCAGCTCC CTCCGGCCGC5760
AGAACCAGCA TCGGGTGTTC ACTGTCGAGT CTCGAGTGAT TTGAAAATGT GCCTTACGCT5820
GCCACGCTGG GGGCAGCTGG CCTCCGCCTC CGCCCACGCA CCAGCAGCCG CCTCCATGCC5880
CTAGGTTGGG CCCCTGGGGG ATCTGAGGGC CTGTGGCCCC CAGGGCAAGT TCCCAGATCC5940
TATGTCTGTC TGTCCACCAC GAGATGGGAG GAGGAGAAAA AGCGGTACGA TGCCTTCCTG6000
ACCTCACCGG CCTCCCCAAG GGTGCCGGCA CTCTGGGTGG ACTCACGGCT GCTGGGCCCC6060
ACGTCAAAGG TCAAGTGAGA CGTAGGTCAA GTCCTACGTC GGGGCCCAGA CATCCTGGGG6120
TCCTGGTCTG TCAGACAGGC TGCCCTAGAG CCCCACCCAG TCCGGGGGGA CTGGGAGCAG6180
TTCCAAGACC ACCCCACCCC TTTTTGTAAA TCTTGTTCAT TGTAAATCAA ATACAGCGTC6240
TTTTTCACTC CG 6252

Name: 255 Len: 7834 Check: 616

CGTCTGAAGG TCACGAGCCC CGCCGACAGC CCAGACCCAG TCCGGGCTAG CCCGAGGCCT 60
CCCTGGAGGT GGACGGTTTC AGTCCACACA TACTGGGACC CCAGGGAGAC ACTCACCAGC 120
ATCCGAGCCT GCCATGTTTC AGAGGCAGGT CGCCGCCGGA CTCCGACGCG GCCGGGAAGG 180
CGACGGTGTC CTGGAAGGAC CGATCCACGC AGACCGACAC TGGGCGCGGA CGCACGAACC 240
AAAGCGCGGG AAGGAGGCGT GAAGAAGGAC GGACGTTAAA GAGCTTCTCG CCGCTGATTG 300
GTCATCAGAG GAGCACTTCC TTCACAGGAC GTGAAACGGG GGCGGTTTGG GAAGTTTAGA 360
GACCATTCTC CGCCGACCAA AACCCGTCAA AGGATTATCA GACACGCGGG TCGGACGGTC 420
CACATCAGCC GGCAGCCCGG GCGGGTCCCG GGGTGCGAGC AGCGCACTTC CGGTGAGCTA 480
TTTCGTTTTG TATCCCTCCG CCGACGTCAA CGGGAAAGTA GTGCGGACCG CTCTCTCGGT 540
GGTCCGGGGT GGTACAGCCA CGTGACAACG CCAGGCCCCG CCTTCCCCCT CTTTTGGTTA 600
CAGACGTGAG GGCTCTTTGG AGACGTAAAC ATCTCCGAGT GGCGAGGGTG GGCGGGGCTA 660
GGGCTTGGGA AAGGGCGGGG TGGCTTGCTT GAGGTGTGGA AAGACCAGAA GAAGGTGAGG 720
TCAAGAGAGT GCGAATGAGG CATTCCAATG GTGGGTGGGC CCTGACCTGA GAGAGTGGCG 780
CGGGGAGGGG TGAAAGCGCG GCGATCCTGG AACGCCAGCG GGCGTTGCGG CCTATGCGCG 840
AGGGGCGGGG CGATTAGGTC ATAGAGCGGC TCCCAGCGTT CCCTGCGGCG TAGGAGGCGG 900
TCCAGACTAC AAAAGCGGCT GCCGGAAAGC GGCCGGCACC TCATTCATTT CTACCGGTCT 960
CTAGTAGTGC AGCTTCGGCT GGTGTCATCG GTGTCCTTCC TCCGCTGCCG CCCCCGCAAG1020
GCTTCGCCGT CATCGAGGCC ATTTCCAGCG ACTTGTCGCA CGCTTTTCTA TATACTTCGT1080
TCCCCGCCAA CCGCAACCAT TGACGCCATG TCGGGTTATT CGAGTGACCG AGACCGCGGC1140
CGGGACCGAG GGTTATTCGA GTGACCGAGA CCGCGGCCAC CGAGGGTGAG TTTGGGAGCC1200
GAGCTGTCAG GCCAGGCGGG TGGGGGGATG GGAGGGCGGG TCAGGGTGGC GGCCGGCGGG1260
GGCTTTGCGG CTTGGACTTG GCCTTTCCGG GCTATCTTGG GACTTCCTTT CCCGAACGTT1320
GCGCCATTTT GATATTCACG TCACAGTGAT TGGAAGAGAT TTGACGGTGT AGTGTCTTCA1380
AGCTTGCTTT TTGTGTGGGG ATTTGGGGAG CTGTCGGGGC GGCTGCCATT TGGTAGCTGT1440
TGAGGGAGTT GAGAGGGAGC GTATTGTGCG GATGAAAGCG GACGCTTCGA GGCATGACGA1500
AGGAACATCT GTTAGGTGCG GCGTTTCGGT AGGTGTTTTT GGGGTGGCCG GGCATTCTGT1560
GGGAGCGAGG GGACCACTTC CAAAGCCCTG GTGCTGTTGG GGTAGGAGGG CGGCCGGCAT1620
CAGCCATGTG GCTGAGTCGC GAGTACAAAA TGCCGGCCTC GGACATGGCG GCGGCGCCTT1680
TGTTACCCCG CCCGGCGGAG GAGCTCAAAA TGGCAGCGTC GAGAAAATGT GGCGCAGAGA1740
GAAATGCGAG ACAAAGGGGG AAGCGCCGCC CCAGCGGGAA CGCCGCCCGG CCGACTCCGC1800
CCGGGCCGGG ACTCCTCCCC CGGTAGTCGC CGGCTCCTCC TTTTCTTTTT TCCTGCGTTA1860
TATAATTTTG ATTCGTTGAT CCGGAGCTCT ACCGCGGCGT TCCCCCAGCT GGGTTTGCTA1920
GCAGAAGTGT TTCTGAGAAA ACCCTTGTTC TGTTATCGCT GACTGTACTG TTTAGGTTCT1980
TACCATCAAA GCTGTTTGGT TCCAAAACGG CCATATGAGT AACATCGTCG TGATGCTCTT2040
CGGTTCATGT AGCCTTGTTA TTGCTGATAG TGAATTGCTA GGCTGGTGGG GAAGATTACA2100
GTAACCACAA GAAGTGGTGT GTGCCAGAAT CCCAAATTCT GGCATGTGGG TGACAAGTTT2160
CCGACATGAT AAATCCCCGG CTTCCGACAT GATAAATCCC AGGCTGTTTA CATGACCTAA2220

154

GTAATGTGTA CTTGGGACTA CGGGAAATGT TAACTGTGGC TGTTGAGAGA GAGAGAGATT2280
TTCACGAAGG ACAGTGCTAG GTTTACCTCT CGAAGTCTGT TTTCAGTGGT TTTTAGCTTG2340
TGCCAATGGA TGACAAATCT ATACAGAAAC CTGGGTATAG CCTAAAGAAA ATGTGAATAA2400
CGTTTTTTTT CATTCCAGGT TTGGTGCACC TCGATTTGGA GGAAGTAGGG CAGGGCCCTT2460
ATCTGGAAAG AAGTTTGGAA ACCCTGGGGA GAAATTAGTT AAAAAGAAGT GGAATCTTGA2520
TGAGCTGCCT AAATTTGAGA AGAATTTTTA TCAAGAGCAC CCTGATTTGG CTAGGCGCAC2580
AGCAGTGAGT AAATTCATGT GGCTTCATCA GGCTGTAACT CGATCGTGGA TTCTAGTAAA2640
TGAAATTCTG ACAGGTGTTT TGCAAATAAC TCAATTTTGG TAGAGTTACA TGTTCTGACT2700
TCATAATTGG GAAAGGTGTG ACTCACTTTT GGAATATAGG TGGCTTTGGG ATTTTTACTT2760
AAATTAGGTT GAGTATAACA AGAAATTTTT TTTTCATAAT AGGGTGTTCA TAGGTGGGTC2820
AGATTAAAAT GAAGGCTACT TTAACTAGTT ACTAAATTAT GAAGTTAGGG GCTTATCAAT2880
TACGTATTTA CGTAGGGTGG TGTCATGAAT TTAGACTGTA TATTGTTTGC AGCAAGAGGT2940
GGAAACATAC AGAAGAAGCA AGGAAATTAC AGTTAGAGGT CACAACTGCC CGAAGCCAGT3000
TCTAAATTTT TATGAAGCCA ATTTCCCTGG TAAGTGCTAC TTTTCAGTTC TACCTACCCG3060
TGTTTTTGTT TCCACCTACC CCCTCTTTTT CTTGGCATCA CTAATTTTTA CTAAATATCT3120
GTTACTAATT ATAGCAAATG TCATGGATGT TATTGCAAGA CAGAATTTCA CTGAACCCAC3180
TGCTATTCAA GCTCAGGGAT GGCCAGTTGC TCTAAGTGGA TTGGATATGG TTGGAGTGGC3240
ACAGACTGGA TCTGGGAAAA CATTGTCTGT AAGTTTGGGA GAACTCTTGA GTTGATCTGA3300
TATATGCAAG AAAATGTAAT GGTAATTTAA AAACGAGTAT TTTAATGTGA TTTCTGTTTG3360
TCCCCACTTT CACCCTAAAT AGTATTTGCT TCCTGCCATT GTCCACATCA ATCATCAGCC3420
ATTCCTAGAG AGAGGCGATG GGCCTATTGT AAGTATATAT TTTACTTTTA TTAGAAGCAT3480
AATGTGTAGA TTTTAGACTA CATAGCTAAA GATGTAATCA TTTGTGGTGG TTTTATATAG3540
AGGTTAGCTC ATCCTATTCA GCTGGAGCTG TTTTGGGTAT TGGACAACAC ATGAAGAAAG3600
GATCTGCTAG TATAATAAGT TAGCAGTTTA AAACTAGTAC CAGGTTTGTG CTGAAAGCTG3660
TTTCTCTTTT CCTTAGTGTT TGGTGCTGGC ACCAACTCGG GAACTGGCCC AACAGGTGCA3720
GCAAGTAGCT GCTGAATATT GTAGAGCATG TCGCTTGAAG TCTACTTGTA TCTACGGTGG3780
TGCTCCTAAG GGACCACAAA TACGTGATTT GGAGAGAGGT ATGTAATGAA AAGGGTTTTA3840
TTTGTCATTG GTGCTAAATA TCCTAGGTAT TGTAGTTACA CTTACGTATT TAATTAAAGG3900
TGTGGAAATC TGTATTGCAA CACCTGGAAG ACTGATTGAC TTTTTAGAGT GTGGAAAAAC3960
CAATCTGAGA AGAACAACCT ACCTTGTCCT TGATGAAGCA GATAGAATGC TTGATATGGG4020
CTTTGAACCC CAAATAAGGA AGATTGTGGA TCAAATAAGA GTAAGTGTCC TTTGAAATAT4080
GTGATCAAAC TGAATTGTGT TTCACTCTTA AGAGTCTGAT ACTAATTTTT CCCCCCAAAA4140
TCCATTAGCC TGATAGGCAA ACTCTAATGT GGAGTGCGAC TTGGCCAAAA GAAGTAAGAC4200
AGCTTGCTGA AGATTTCCTG AAAGACTATA TTCATATAAA CATTGGTGCA CTTGAACTGA4260
GTGCAAACCA CAACATTCTT CAGATTGTGG ATGTGTGTCA TGACGTAGAA AAGGATGAAA4320
AGTAAGTTTT ATTAACTCTG TTATATTTGC TTCCTAACAA CTTTGCTGTA AAATTGAGGA4380
TCATTGTTTG GTGAGTTGTT TTAGGTTATT TCAGTTGGTG TGATTTCATT TAGTTAGCCT4440
ACTAATCCTG AAAATTTCTT GAATCTTCAA ATAATGGCCG TCACCATTTA TAGCTTTCCA4500
TATGAAGAAT TGAATTCATG TCTCCCTGGT TGACTTAAGG ACCAAGGGTC GAACTGCTCG4560
ATAAGTGGAT TAGCAGGCGT CTTCCTTCCT TTTGACCTTT CCAGCCATGT AAATTGAACT4620
TAATGTTTTG CTGACCATAA ATGTGTGGCC CTAGCAATGG TCTTTTAAAA CTCAGGATTT4680
TCCTTTCTCT CTCCTATTAT TAGACTTATT CGTCTAATGG AAGAGATCAT GAGTGAGAAG4740
GAGAATAAAA CCATTGTTTT TGTGGAAACC AAAAGAAGAT GTGATGAGCT TACCAGAAAA4800
ATGAGGAGAG ATGGGTATGT GTGAGCTCCT CCTTGAAGCA GATTGATTAA AACAGCTTAG4860
GAAGGGCAAA CTTGGATCAC GAGCAGTGGA TTTTTTTCAT ATCTGATAGT GAATTTAACT4920
TTTTCATTTC TGGCGAAATT AAAGAGATCT GTGACCAAAA GTGGTCAAGC ACTGGAGTCT4980
GAGGTTTTCA ATGTGAGTTT AATAACACAA CTTGTCTTTT AACTTAGGTG GCCTGCCATG5040
GGTATCCATG GTGACAAGAG TCAACAAGAG CGTGACTGGG TTCTAAATGG TAAATATTTC5100
AAATGAAGTA TTTTTCCCCC TTACTTAACC TAGCTAGAAT TCAAACATGG AAAAGCTCCT5160
ATTCTGATTG CTACAGATGT GGCCTCCAGA GGGCTAGGTT AGTACAAACT CGCATTCATG5220
GCTTGGTTTC CCAGAAGATC TCCATTTAAC TTTTTTAAAG AAAGTTTATT GCTTTCTTTA5280
ACCTGCATTT TTTCTAAGTT TTTTTTCACA TAAAGGTGCT GTCTTTGTGG CAAGGCCTAG5340
GCATGACAAT CGGAGGACTC GAGGGGGATG GAGGACTAGT GATCGGCTGG CTGCTTCCAG5400
TCGATTAGAG AGGTGAAAAG CTGAACGTGT GCCAGTAATC TTCAAAAGGC AGAACATATC5460
ACCTCTGCCC CGTAAACTGT TCTCTCCGAG GGAAAAAATG GAAGTTATCT CACAGTTCAC5520
TGCCGTGGTA TTTCTTCTGT CCCATGCTTT GCATGACTGC CATGGTACAG CCTTGTTTCA5580
AACTGTTCAC TGTGATCTGT GGGTCTTTGA GTTTCAGTGA GTTTGCTGAA ATGTCGAAGA5640
AGTAGTTCCA AACTTCAATG TTCAATGAAA TTTTTGTTCA AGTTTGAAAT GGAGAGAGCA5700
GCTTTAAAAG GTACTAAGCC TTTTACAAAT TGGTGAGTTA CTGGCACATG AGATCTAGAG5760
CAGGAGCAAC TTCTACACAC TATGAGTAAG TGGGAAAAGA AAGTGCTTTG AAAGTTCCTC5820
CCTCACCTAC ACAGTAGTCG TCATGTCGAG ACCTGCCAGA GAGAGACACA TTCTCAAGTG5880
AATCCTGGCT TCTTGGAAGC GCTTGCCTAG ACGAGACACA GTGCATAAAA ACAACTTTTG5940
GGGGACAGGT ATGTTTTCTT GCAGCTGCGG TTGTAAGGTC TTGGCAAGAC AAGCAGTGTG6000

152

GCCAGAATTT TGAACTTCTG ATGAATGTGT AATGCAAAGG ACCTTGTACA TTTTTTTGTT6060
TCAAGGTCCT CAAAATGAGC ACATGAAGAG GTTGCTGTGA AACTTTAAGT GGCCCTACTG6120
CGCAGAAGCA TTCAGATGTC ACTTGATGAT CTGTAAGGGA ACTTGCTGAT TTGGGAATGT6180
GCTTATTTAA CACACATTCC TTTTGACAGG GTCTGTCACT GGGGTGGGGG TGATGAATTA6240
TACAGATGAC ATGTGCTTTT TTTTTCTTTT TTCAACCTCA ATGGTATTCC TACAGGAAAT6300
GGATAACCAT TTTAACTGTA TTTTTTTGCA GCCCGTACCT TCTTGGGAAT ACAATTGTCT6360
AACTTTTTAT TTTTGGTCTG GCTGTTGTGG TGTGCAAAAC TCCGTACATT GCTATTTTGC6420
CACACTGCAA CACCTTACAG ATGTGGAAGA TGTGAAATTT GTCATCAATT ATGACTACCC6480
TAACTCCTCA GAGGATTATA TTCATCGAAT TGGAAGAACT GCTCGCAGTA CCAAAACAGG6540
CACAGCATAC ACTTTCTTTA CACCTAATAA CATAAAGCAA GTGAGCGACC TTATCTCTGT6600
GCTTCGTGAA GCTAATCAAG CAATTAATCC CAAGTTGCTT CAGTTGGTCG AAGACAGAGG6660
TTCAGGTAAG GATGACTGAT AGGAAATGTT GGTAGTTACG GTCACTACGT ATACAAATCC6720
ATTTAAATGG TATTGGAGGG TGAGTAAAAC CTTGAAGTGA AAACTTAAGC TGAAAAATTG6780
TAAAAACATT TCACGCCTAC CATGAATAGA TCTGTTTCTT CTGTCCACAA TGATTTGTGT6840
CATAGACATA ATTGATCAAT TTGCAATTGT TTTCTTGACA GGTCGTTCCA GGGGTAGAGG6900
AGGCATGAAG GATGACCGTC GGGACAGATA CTCTGCGGGC AAAAGGGGTG GATTTAATAC6960
CTTTAGAGAC AGGGAAAATT ATGACAGAGG TTACTCTAGC CTGCTTAAAA GAGATTTTGG7020
GGCAAAAACT CAGAATGGTG TTTACAGTGC TGCAAATTAC ACCAATGGGA GCTTTGGAAG7080
TAATTTTGTG TCTGCTGGTA TACAGACCAG TTTTAGGACT GGTAATCCAA CAGGGACTTA7140
CCAGAATGGT TATGATAGCA CTCAGCAATA CGGAAGTAAT GTTCCAAATA TGCACAATGG7200
TATGAACCAA CAGGCATATG CATATCCTGC TACTGCAGCT GCACCTATGA TTGGTTATCC7260
AATGCCAACA GGATATTCCC AATAAGACTT TAGAAGTATA TGTAAATGTC TGTTTTTCAT7320
AATTGCTCTT TATATTGTGT GTTATCTGAC AAGATAGTTA TTTAAGAAAC ATGGGAATTG7380
CAGAAATGAC TGCAGTGCAG CAGTAATTAT GGTGCACTTT TTCGCTATTT AAGTTGGATA7440
TTTCTCTACA TTCCTGAAAC AATTTTTAGG TTTTTTTTGT ACTAGAAAAT GCAGGCAGTG7500
TTTTCACAAA AGTAAATGTA CAGTGATTTG AAATACAATA AATGAAGGCA ATGCATGGCC7560
TTCCAATAAA AAATATTTGA AGACTGAATT AAGTGGAAAT TGTACTTTAT TTATATAATG7620
TCATGTAAAA CTTTGCTTAA GATGGTCTGG TTTTTTTTTT GTTTTTGTTT GGTTTTTTTT7680
TTCCATGAAA ACAAATGACT GTTCCTTTTT ATTTAATTTG GGAGGCAGGG GGAATCAGAA7740
GGCCCTTCTT TATAATGAGC TATTCATATT GCAGGAGTCA GAATGAATTG ATACAGGTGA7800
ATTTTTAGTT ACAGGCTAAA TTGCATAAAA GCTT 7834

Name: 256 Len: 903 Check: 215E

CGGCGGCGGC GACAGGACCG AGGGGCCTTA GTTGGTGGGC AAGTCGGGGA TCCCAGAAAG 60
AGAAGCGTGA CCCGGAAGCG GAAACGGGTG TCCGTCCCAG CTCCGGCCTG CCAGTGAGCT120
TCTACCATCA TGGACCTATT GTTCGGGCGC CGGAAGACGC CAGAGGAGCT ACTGCGGCAG180
AACCAGAGGG CCCTGAACCG TGCCATGCGG GAGCTGGACC GCGAGCGACA GAAACTAGAG240
ACCCAGGAGA AGAAAATCAT TGCAGACATT AAGAAGATGG CCAAGCAAGG CCAGATGGAT300
GCTGTTCGCA TCATGGCAAA AGACTTGGTG CGCACCCGGC GTTATGTGCG CAAGTTTGTA360
TTGATGCGGG CCAACATCCA GGCTGTGTCC CTCAAGATCC AGACACTCAA GTCCAACAAC420
TCGATGGCAC AAGCCATGAA GGGTGTCACC AAGGCCATGG GCACCATGAA CAGACAGCTG480
AAGTTGCCCC AGATCCAGAA GATCATGATG GAGTTTGAGC GGCAGGCAGA GATCATGGAT540
ATGAAGGAGG AGATGATGAA TGATGCCATT GATGATGCCA TGGGTGATGA GGAAGATGAA600
GAGGAGAGTG ATGCTGTGGT GTCCCAGGTT CTGGATGAGC TGGGACTTAG CCTAACAGAT660
GAGCTGTCGA ACCTCCCCTC AACTGGGGGC TCGCTTAGTG TGGCTGCTGG TGGGAAAAAA720
GCAGAGGCCG CAGCCTCAGC CCTAGCTGAT GCTGATGCAG ACCTGGAGGA ACGGCTTAAG780
AACCTGCGGA GGGACTGAGT GCCCCTGCCA CTCCGAGATA ACCAGTGGAT GCCCAGGATC840
TTTTACCACA ACCCCTCTGT AATAAAAGAG ATTTGACACT AAAAAAAAAA AAAAAAAAAA900
AAA 903

Name: 257 Len: 1860 Check: DF4

CGTGAACGGT CGTTGCAGAG ATTGCGGGCG GCTGAGACGC CGCCTGCCTG GCACCTAGGA 60
GCGCAGCGGA GCCCCGACAC CGCCGCCGCC GCCATGGAGT CCGAGACCGA ACCCGAGCCC 120
GTCACGCTCC TGGTGAAGAG CCCCAACCAG CGCCACCGCG ACTTGGAGCT GAGTGGCGAC 180
CGCGGCTGGA GTGTGGGCCA CCTCAAGGCC CACCTGAGCC GCGTCTACCC CGAGCGTCCG 240
CGTCCAGAGG ACCAGAGGTT AATTTATTCT GGGAAGCTGT TGTTGGATCA CCAATGTCTC 300
AGGGACTTGC TTCCAAAGCA GGAAAAACGG CATGTTTTGC ATCTGGTGTG CAATGTGAAG 360
AGTCCTTCAA AAATGCCAGA AATCAACGCC AAGGTGGCTG AATCCACAGA GGAGCCTGCT 420
GGTTCTAATC GGGGACAGTA TCCTGAGGAT TCCTCAAGTG ATGGTTTAAG GCAAAGGGAA 480
GTTCTTCGGA ACCTTTCTTC CCCTGGATGG GAAAACATCT CAAGGCCTGA AGCTGCCCAG 540
CAGGCATTCC AAGGCCTGGG TCCTGGTTTC TCCGGTTACA CACCCTATGG GTGGCTTCAG 600
CTTTCCTGGT TCCAGCAGAT ATATGCACGA CAGTACTACA TGCAATATTT AGCAGCCACT 660
GCTGCATCAG GGGCTTTTGT TCCACCACCA AGTGCACAAG AGATACCTGT GGTCTCTGCA 720
CCTGCTCCAG CCCCTATTCA CAACCAGTTT CCAGCTGAAA ACCAGCCTGC CAATCAGAAT 780
GCTGCTCCTC AAGTGGTTGT TAATCCTGGA GCCAATCAAA ATTTGCGGAT GAATGCACAA 840

153

GGTGGCCCTA TTGTGGAAGA AGATGATGAA ATAAATCGAG ATTGGTTGGA TTGGACCTAT 900
TCAGCAGCTA CATTTTCTGT TTTTCTCAGT ATCCTCTACT TCTACTCCTC CCTGAGCAGA 960
TTCCTCATGG TCATGGGGGC CACCGTTGTT ATGTACCTGC ATCACGTTGG GTGGTTTCCA1020
TTTAGACCGA GGCCGGTTCA GAACTTCCCA AATGATGGTC CTCCTCCTGA CGTTGTAAAT1080
CAGGACCCCA ACAATAACTT ACAGGAAGGC ACTGATCCTG AAACTGAAGA CCCCAACCAC1140
CTCCCTCCAG ACAGGGATGT ACTAGATGGC GAGCAGACCA GCCCCTCCTT TATGAGCACA1200
GCATGGCTTG TCTTCAAGAC TTTCTTTGCC TCTCTTCTTC CAGAAGGCCC CCCAGCCATC1260
GCAAACTGAT GGTGTTTGTG CTGTAGCTGT TGGAGGCTTT GACAGGAATG GACTGGATCA1320
CCTGACTCCA GCTAGATTGC CTCTCCTGGA CATGGCAATG ATGAGTTTTT AAAAAACAGT1380
GTGGATGATG ATATGCTTTT GTGAGCAAGC AAAAGCAGAA ACGTGAAGCC GTGATACAAA1440
TTGGTGAACA AAAAATGCCC AAGGCTTCTC ATGTGTTTAT TCTGAAGAGC TTTAATATAT1500
ACTCTATGTA GTTTAATAAG CACTGTACGT AGAAGGCCTT AGGTGTTGCA TGTCTATGCT1560
TGAGGAACTT TTCCAAATGT GTGTGTCTGC ATGTGTGTTT GTACATAGAA GTCATAGATG1620
CAGAAGTGGT TCTGCTGGTA AGATTTGATT CCTGTTGGAA TGTTTAAATT ACACTAAGTG1680
TACTACTTTA TATAATCAAT GAAATTGCTA GACATGTTTT AGCAGGACTT TTCTAGGAAA1740
GACTTATGTA TAATTGCTTT TTAAAATGCA GTGCTTTACT TTAAACTAAG GGGAACTTTG1800
CGGAGGTGAA AACCTTTGCT GGGTTTTCTG TTCAATAAAG TTTTACTATG AATGACCCTG1860

Name: 258 Len: 5350 Check: 199C

TTTATTGAAC ATTTATTCTG TTCAAAACAT TCCCAAAGGC AACAGAAGAT ACAAATAAAT 60
CTCTGCCCAT GAAAAGGTGT GGGGGGCATT AGAAGGCGTT CTCTTCGGTG TAATGAAGTA 120
ATGAGAGAAG AAAAAGTAGT TTGAAGCTAT GGAGTAAGGG ACTTTGAGTA TCCCAGGCTC 180
AAAAAGTTGG GACTTGAACA GTACGGGGGT GCTGCTGAAA ACGTTTGAGG GAGGTAATGA 240
CATGATCGAA GCTATACTTG AGAAAGGTGA ATCTGATAAA GTATGAGTGA AAAAGAGACT 300
GAAGGTCTAG AAATTAGATT GAGGCTAATG ACAAAATCCA CATAAATAGG AGGACTTGAA 360
CGAAGGGGCA CTTAGAAGAG GACAGGAGAT AGTAAAAGGC ATTCAATGAT GAGAGCACAC 420
ACTACAGGGG AGCATGAGGG AGGTTGGAAA AGATAATGAA AGGATTACCG AGCTTCACTG 480
ACGATGTGTT TGAAATGAGC AGGAATCTTG TAGTGATCCT AATCCGTGGT TTTCTGGAGC 540
ATTTCACAGC CTAGGAACAT ACAAGGGGGG CATCTCCCTG GAATGTAAAT TGACTAAGAG 600
GAATTCAATA ATGGTCAAAT GAATGCAGAA TTTTAGAGTC TTGCTTAGTA TTCTCACCAC 660
ATTTCGTTTA GTCTACTCAT ACTCTTTTTC TCTTACTGCT GACACTAGAT GGAAAAACTC 720
TTAATTAAAA GTATTTCACA AAATGTGCTC GTTTTCAGTC ATTCCGTTTC CACTCCAGCC 780
TGTTGTGTTG TTTTTTTGAA ATAATAATTT AAAGTAATTT TCCTTTTGCA GGATGGCATA 840
GTCAATCCAA CAATAAGAAA AGATTTGAAA ACTGGACCGA AATTCTACTG CTGTCCAATT 900
GAAGGCTGCC CCAGAGGCCC TGAGAGACCG TTTTCTCAGT TTTCTCTCGT AAAACAGCAC 960
TTTATGAAAA TGCATGCTGA GAAGAAGCAC AAATGTAGTA AGTGCAGCAA TTCGTACGGT1020
ACAGAATGGG ACCTGAAAAG ACATGCAGAG GACTGTGGCA AGACCTTCCG GTGCACATGC1080
GGCTGTCCCT ACGCCAGTAG AACAGCACTG CAGTCTCACA TCTACCGAAC TGGGCACGAG1140
ATACCTGCAG AACACAGGGA CCCACCTAGT AAGAAAAGGA AAATGGAAAA CTGTGCACAA1200
AACCAGAAGT TATCCAACAA GACCATTGAA TCATTGAACA ACCAACCAAT CCCTAGACCA1260
GACACTCAAG AACTAGAAGC TTCAGAAATA AAGCTAGAAC CATCTTTTGA AGACTCTTGT1320
GGCTCTAACA CTGACAAGCA GACTCTTACA ACACCACCGA GATATCCTCA GAAGTTGCTT1380
TTACCAAAGC CCAAAGTGGC TTTGGTTAAA CTACCCGTGA TGCAGTTTTC TGTCATGCCT1440
GTCTTTGTGC CTACAGCCGA CTCCTCAGCC CAGCCTGTGG TGTTAGGTGT TGATCAGGGC1500
TCTGCCACAG GGGCTGTGCA CTTAATGCCC TTGTCAGTAG GAACCCTGAT CCTCGGCCTA1560
GATTCAGAGG CTTGCTCTCT TAAGGAGAGC CTACCTCTTT TCAAAATTGC TAATCCTATT1620
GCTGGTGAGC CAATAAGTAC TGGTGTTCAA GTGAACTTTG GTAAAAGTCC ATCTAATCCT1680
TTACAAGAAC TAGGGAACAC GTGTCAAAAG AATAGCATTT CTTCAATCAA CGTGCAGACA1740
GATCTGTCTT ATGCCTCACA AAACTTTATA CCTTCTGCAC AGTGGGCCAC TGCTGATTCC1800
TCTGTGTCGT CTTGTTCTCA AACTGATTTG TCGTTTGATT CTCAAGTGTC TCTTCCCATT1860
AGTGTTCACA CTCAGACATT TTTGCCCAGC TCTAAGGTAA CTTCATCTAT AGCTGCTCAG1920
ACTGATGCAT TTATGGACAC CTGTTTCCAG TCAGGTGGGG TCTCCAGAGA AACTCAAACC1980
AGTGGGATAG AAAGTCCAAC GGATGACCAT GTACAGATGG ACCAAGCTGG AATGTGCGGA2040
GACATTTTTG AGAGTGTTCA TTCATCATAT AATGTTGCTA CAGGTAACAT TATAAGCAAC2100
AGTTTAGTAG CAGAGACAGT AACTCATAGT TTGTTACCTC AGAATGAGCC TAAGACTTTA2160
AATCAAGATA TTGAGAAATC TGCACCAATT ATAAATTTCA GTGCACAGAA TAGTATGCTT2220
CCTTCACAGA ACATGACAGA TAATCAGACC CAAACCATAG ATTTATTAAG TGATTTGGAA2280
AACATCTTGT CAAGTAATCT GCCTGCCCAG ACATTGGATC ATCGTAGTCT TTTGTCTGAC2340
ACAAATCCTG GACCTGACAC CCAGCTCCCA TCTGGCCCAG CCCAGAACCC CGGAATCGAT2400
TTTGATATCG AAGAGTTCTT TTCGGCCTCA AATATCCAGA CTCAAACTGA AGAGAGTGAA2460
CTTAGCACCA TGACCACCGA GCCAGTCTTG GAGTCACTGG ACATAGAGAC TCAAACGGAC2520
TTCTTACTCG CAGATACCTC TGCTCAGTCC TATGGGTGTA GGGGAAATTC TAACTTCTTA2580
GGCCTTGAGA TGTTTGACAC ACAGACACAG ACAGACTTAA ACTTTTTCTT AGACAGTAGC2640
CCTCATCTGC CTCTGGGAAG TATTCTGAAA CACTCCAGCT TTTCCGTGAG TACTGATTCA2700

-154

TCTGACACAG AGACCCAAAC TGAAGGAGTC TCCACTGCTA AAAATATACC TGCTCTAGAA2760
AGCAAAGTTC AGTTGAACAG TACAGAAACA CAGACCATGA GTTCTGGGTT TGAAACCCTG2820
GGGAGCTTGT TCTTCACCAG CAACGAAACT CAGACAGCAA TGGATGACTT TCTTCTGGCT2880
GATCTGGCCT GGAACACGAT GGAGTCTCAG TTCAGCTCTG TAGAAACCCA GACTTCTGCG2940
GAACCACACA CAGTCTCCAA CTTCTAAAAC TAACGGTGGA GTCCATGTGT GAAATGGCAT3000
CTACCATTTC CTCTGGATTA AAACTACGGA CTGGGGACAA CAGTATTAAT TCGATTGAAT3060
GTGGCTGATG ATGCAGTTGC TTAGCTTCTT TGTGTTTCTT TGCCTTTTGT ACTTGTAAAC3120
AGAAATTTGC GTATAAATGT GAGTGTATTA TAAAGTTTGA GATGTTGATC TAAATTGTTT3180
TTGTGTTGCC TACATTTGCC TTTTCACAGC TAGTCTTTTC ATGTTAAAAA AAAAATGTAT3240
TTCATATCTA TAAAACCTAT ATAGCCATTT AGCTGAAGCC CAGCTTACCA GGTTCAAGGG3300
TACAAACTTC TCAAATCTTC AAAACATTTT AGTCAAAGTG TAATATACTT AAACTGCACC3360
TAAAATATCT TTGGCACTGC TTGTTAGAAA TTCCTGATTC CTGTTACTAA TCACTAAAGA3420
AACCGGATGC TGCCACCGTA GGATTTAAGC AGTAGTGCTT CCATGCTCTT AAGACTCCTG3480
CTGCCTGGAC CTTCGTCAGC TTTGACACCT CTTTTCTGAT TTAAAGACAC CAAGGAAAAC3540
TACAACTGTC TTTAGCTTTG AAGCAGTTTT CATGTAATCA TTGCCACCTC TTCGCTACAT3600
GAACTACTAT TGATACCAGC ATACAAGTGT ATAGCACTTT ACACACAAGA GGTTTATTGA3660
TGTAAAATTA TCGGCTAGGG AAGCAGCAGC GGGCCAGGTG TGGTGGCTTA CCCCTGTAAT3720
CCCAGCACTT TGGGAGGCCA AAGCAGGACG ATCACTTGAG CCCAGGAGTT CAACACCAGC3780
TTGGGCAACA TAAGAAGACC GTGTCTCTGG AATTTTTTTT TTTTTTAATT AGCCAGGCAC3840
AGTGGCATGC GCCTGTGATC CCAGCTACTT GGAAGGCTGA GGTGAGAGGA TCACTCGAGG3900
AGATTGGGGC TGCCATGAGC CATGGTCTTG GCACTGTACT CCAACCTGGG TAACAGGGCA3960
AGACCCTATC TCAAAAAAAA AAAAAAAAGT CGCCAGCAAC AAGCACGTAG TGTAGTGTTC4020
CTGCTAAATG AGCATAGGTT ATCCAAACCT TGGGAACAGG GAGTTATGGA AACGTGCCTA4080
TGACTTCATC TTGGGGTGTG TCCTATGAAG ATCCTTTCTG GTCTCCACAG TAGGCCAGAG4140
TTGGGGGCTC TGGAGCTGTT TCCCCAAGTG CATCCACAAG CTGGATCTGA GTTTTGTCAC4200
TCTAAAATTA AACAAGAAAA AAAGTGGGAA AAGGGCATCC CCCATTAGGT TTCAATACTT4260
TGCACTTCTA CTAAGCTTGA TAGGGCAGGA GTGCAATCTA CAATTATTTT AAAGTGAATT4320
TCCTTCCATT CACCATTCTT TATCTTTTCT TTGAATAAGA AAAAGTATCT AGCAAGGATA4380
TTACTTGTGC CTTGAGGCTA GCAATTATAG GATAGATTCA TCTAAAATAT GGTATTCTGC4440
ATTTTGGTTT TTTTTCTTAA GTGAATAATA CCAGTCTTCA AAGAAAACAA GGTGAAGACC4500
TATTGCTTCA ATAATCAAGA ATGCTTTGTG TGTTTTGAGG TAGGAGCATG ATCAAGTATG4560
CTTTGGGGAT TTTCTGTATT TAGGAGATCC TGGATTCTTA ATTGTTGGCT AAGTTCCAGT4620
CAAGTAGGAA TCAGTGCAGC CTGTAAGTTC TCCACATTGA CACACACACA CACACACACA4680
CACACACACA CACACGACAT GCTCCTTTCT GTGGCACATG CCTGTATTAC TGAAAGCTAA4740
ATCCTCAAAA CCTAGTAAGG GGACCAATGA TTCATTAAAG TAAATTGATG GTTTTGCTAC4800
TAATTCCTAT CCCATACATT TGACACAAAA GAAGTGTTGG TAATGGATAA ATAACATATC4860
CCGGGCAGAT GAGCTCAACC TAGTAGGTAA GAGTTTGGTT TGGTCACAGT TGCCTATGAG4920
TGTGGGTTTC AAAAGAAACA TAAAGCCTTA ACTTAGAATT TCATTATGTT TTAGAATCAT4980
CACTGCCTTA ATATTCAAGC ATCTATTTAA GTCCTAATAA AGGAGAAATG CATGTTTATG5040
GCTTTTTTGT AAATATAAAT GCAGTGATCT ATGGCTTAAA AAATTTGTTT CTGTGACAAT5100
GTTTGTAAAT CTAGCCAATA GAGTCATTTA CAGAAGAAAA ATGAGCATGT AATAATACAA5160
GAACTGTTTC CCCCTCAAAA CCTGAACCTG AATTATTTGT AAAAACTGAA ATTTAATGAT5220
TAAAGAGAAG CCAGAATTGT ACCCTTTTTT GTGAATTCTT GAACGTACTC ATAAATATGA5280
CTTATTGTAT TGCCTTAAGT TTTCACTCAT TGTCTTTTGA AAGCCATATG ATAAAATGAT5340
TTTATTTAAT 5350

Name: 259 Len: 3497 Check: 233D

CTGTGGGATC AGAGGGCACG CCTATTACAA CCAGAAAACT ACAAGTATAA CAGCGAGGAT 60
GGATGAACAG GCTCTATTAG GGCTAAATCC AAATGCTGAT TCAGACTTTA GACAAAGGGC 120
CCTGGCCTAT TTTGAGCAGT TAAAAATTTC CCCAGATGCC TGGCAGGTGT GTGCAGAAGC 180
TCTAGCCCAG AGGACATACA GTGATGATCA TGTGAAGTTT TTCTGCTTTC AAGTACTGGA 240
ACATCAAGTT AAATACAAAT ACTCAGAACT AACCACTGTT CAACAACAGC TAATTAGGGA 300
GACGCTCATA TCATGGCTGC AAGCTCAGAT GCTGAATCCC CAACCAGAGA AGACCTTTAT 360
ACGAAATAAA GCCGCCCAAG TCTTCGCCTT GCTTTTTGTT ACAGAGTATC TCACTAAGTG 420
GCCCAAGTTT TTTTTTGACA TTCTCTCAGT AGTGGACCTA AATCCAAGGG GAGTAGATCT 480
CTACCTGCGA ATCCTCATGG CTATTGATTC AGAGTTGGTG GATCGTGATG TGGTGCATAC 540
ATCAGAGGAG GCTCGTAGGA ATACTCTCAT AAAAGATACC ATGAGGGAAC AGTGCATTCC 600
AAATCTGGTG GAATCATGGT ACCAAATATT ACAAAATTAT CAGTTTACTA ATTCTGAAGT 660
GACGTGTCAG TGCCTTGAAG TAGTTGGGGC TTATGTCTCT TGGATAGACT TATCCCTTAT 720
AGCCAATGAT AGGTTTATAA ATATGCTGCT AGGTCATATG TCAATAGAAG TTCTACGGGA 780
AGAAGCATGT GACTGTTTAT TTGAAGTTGT AAATAAAGGA ATGGACCCTG TTGATAAAAT 840
GAAACTAGTG GAATCTTTGT GTCAAGTATT ACAGTCTGCT GGGTTTTTCA GCATTGACCA 900
GGAAGAAGAT GTTGACTTCC TGGCCAGATT TTCTAAGTTG GTAAATGGAA TGGGACAGTC 960
ATTGATAGTT AGTTGGAGTA AATTAATTAA GAATGGGGAT ATTAAGAATG CTCAAGAGGC1020

155

ACTACAAGCT ATTGAAACAA AAGTGGCACT GATGTTGCAG CTACTAATTC ATGAGGATGA1080
TGATATTTCT TCTAATATTA TTGGATTTTG TTACGATTAT CTTCATATTT TGAAACAGCT1140
TACAGTGCTC TCGGATCAGC AAAAAGCTAA TGTAGAGGCA ATCATGTTGG CCGTTATGAA1200
AAAATTGACT TACGATGAAG AATATAACTT TGAAAATGAG GGTGAAGATG AAGCCATGTT1260
TGTAGAATAT AGAAAACAAC TGAAGTTACT GTTGGACAGG CTTGCTCAAG TTTCACCAGA1320
GTTACTACTG GCCTCTGTTC GCAGAGTTTT TAGTTCTACA CTGCAGAATT GGCAGACTAC1380
ACGGTTTATG GAAGTTGAAG TAGCAATAAG ATTGCTGTAT ATGTTGGCAG AAGCTCTTCC1440
AGTATCTCAT GGTGCTCACT TCTCAGGTGA TGTTTCAAAA GCTAGTGCTT TGCAGGATAT1500
GATGCGAACT CTGGTAACAT CAGGAGTCAG TTCCTATCAG CATACATCTG TGACATTGGA1560
GTTCTTCGAA ACTGTTGTTA GATATGAAAA GTTTTTCACA GTTGAACCTC AGCACATTCC1620
ATGTGTACTA ATGGCTTTCT TAGATCACAG AGGTCTGCGG CATTCCAGTG CAAAAGTTCG1680
GAGCAGGACG GCTTACCTGT TTTCTAGATT TGTCAAATCT CTCAATAAGC AAATGAATCC1740
TTTCATTGAG GATATTTTGA ATAGAATACA AGATTTATTA GAGCTTTCTC CACCTGAGAA1800
TGGCCACCAG TCCTTACTGA GCAGCGATGA TCAACTTTTT ATTTATGAGA CAGCTGGAGT1860
GCTGATTGTT AATAGTGAAT ATCCGGCAGA AAGGAAACAA GCCTTAATGA GGAATCTGTT1920
GACTCCACTA ATGGAGAAGT TTAAAATTCT GTTAGAAAAG TTGATGCTGG CACAAGATGA1980
AGAAAGGCAA GCCTCTCTAG CAGACTGTCT TAACCATGCT GTTGGATTTG CAAGTCGAAC2040
CAGTAAAGCT TTCAGCAACA AACAGACTGT GAAACAATGT GGCTGTTCCG AAGTTTATCT2100
GGACTGTTTA CAGACATTCT TGCCAGCCCT CAGTTGTCCC TTACAAAAGG ATATTCTCAG2160
AAGTGGAGTC CGTACTTTCC TTCATCGAAT GATTATTTGC CTGGAGGAAG AAGTTCTTCC2220
GTTCATTCCA TCTGCTTCAG AACATATGCT CAAAGATTGT GAAGCAAAAG ATCTCCAGGA2280
GTTCATTCCT CTTATCAACC AGATTACGGC CAAATTCAAG ATACAGGTAT CCCCGTTTTT2340
ACAACAGATG TTCATGCCCC TGCTTCATGC AATTTTTGAA GTGCTGCTCC GGCCAGCAGA2400
AGAAAATGAC CAGTCTGCTG CTTTAGAGAA GCAGATGTTG CGGAGGAGTT ACTTTGCTTT2460
CCTGCAAACA GTCACAGGCA GTGGGATGAG CGAAGTTATA GCAAATCAAG GTGCAGAGAA2520
TGTAGAAAGA GTGTTGGTTA CTGTTATCCA AGGAGCAGTT GAATATCCAG ATCCAATTGC2580
ACAGAAAACA TGTTTTATCA TCCTCTCAAA GTTGGTAGAA CTCTGGGGAG GTAAAGATGG2640
ACCAGTGGGA TTTGCTGATT TTGTTTATAA GCACATTGTC CCCGCATGTT TCCTAGCACC2700
TTTAAAACAA ACCTTTGACC TGGCAGATGC ACAAACAGTA TTGGCTTTAT CTGAGTGTGC2760
AGTGACACTG AAAACAATTC ATCTCAAACG GGGCCCAGAA TGTGTTCAGT ATCTTCAACA2820
AGAATACCTG CCCTCCTTGC AAGTAGCTCC AGAAATAATT CAGGAGTTTT GTCAAGCGCT2880
TCAGCAGCCT GATGCTAAAG TTTTTAAAAA TTACTTAAAG GTGTTCTTCC AGAGAGCAAA2940
GCCCTGAGGA CTGGATTTCC CTGTGCCTAC TTCATGATCA TGAATTCCAG TTAATTTATA3000
AAGAGGCGAT TTTTGTGTGC CATTCACACT GGTCTTTTTC ACATTGTTTT GAGCTTATTG3060
CAGTATATGT TTTGGGATTT TTCTGTAAAA TGGGTGTAAT TTTCCTAATA CAGGTATGTA3120
ACAACAAAAG AAGTTGCCTG CATGCCGGTC CAAATTGTTC TGTATAAAGA TGCTCTTAAA3180
AGACACAAGA GTTATCCTAG AACCTTAATT CTTTTTTATT TGAAATTTTA AGTCAAGTCC3240
TTTATAAAGA CCATAGCAGT GGAAAACAGT GTACTTTTTA AAAAATTGCT GAATATAAAA3300
TCTTTGAAAA TTTTCTTTAT GTGTGAAGAC ACAAAGTATG GGGGAAGACA GCAATCAAAA3360
CTAACTTTTT GTAGATAGCC ATTTCATTTC TTTAAACTGT TTCAACGCCA ATATGTATTC3420
TACAAAAGAG AATGGTTTTA GGCTCCAGTG TTATACTTTT TTTTATATAT ATATATAAAA3480
ATAAACTTTA CGTAGTG 3497

Name: 26 Len: 620 Check: 9F5

AATTCGGCAT GAGGGGGCAC AGAGCCATCT TCTTCAATCG GATCGGTGGA GTGCAGCAGG 60
ACACTATCCT GGCCGAGGGC TNTCACTTCA GGATCCCTTG GTTCCAGTAC CCCATTATCT120
ATGACATTCG GGCCAGACCT CGAAAAATCT CCTCCCCTAC AGGCTCCAAA GACCTACAGA180
TGGTGAATAT CTCCCTGCGA GTGTTGTCTC GACCCAATGC TCAGGAGCTT CCTAGCATGT240
ACCAGCGCCT AGGGCTGGAC TACGAGGAAC GAGTGTTGCC GTCCATTGTC AACGAGGTGC300
TCAAGAGTGT GGTGGCCAAG TTCAATGCCT CACAGCTGAT CACCCAGCGG GCCCAGGTAT360
CCCTGTTGAT CCGCCGGGAG CTGACAGAGA GGGCCAAGGA CTTCAGCCTC ATCCTGGATG420
ATGTGGCCAT CACAGAGCTG AGCTTTANCC GAGAGTACAC AGCTGCTGTA GAAGCCAAAC480
AAGTGGCCCA NCAGGAGGCC AGCCGANATT TCTTGGTAGA AAAANCAAAN AGGAACAGCG540
GCAGAAANTG TCAGGCCGAG GTGAGCGAGC TGCAAGATGC TTGAGAACAT GANAAGAACC600
TGGCTACATA ACTNGCAAGA 620

Name: 260 Len: 5238 Check: 16B5

GAATTCGGCA CGAGGTCTTC CTGTCCCGGA GCTACCAGCG GCTCGCCGAT GCCTGTAGGG 60
GCCTCCTGGC ACTGCTGTTT CCTCTCAGAT ACAGCTTCAC CTATGTGCCC ATCCTGCCGG 120
CTCAGCTGCT GGAGGTCCTC AGCACACCCA CGCCCTTCAT CATTGGGGTC AACGCGGCCT 180
TCCAGGCAGA GACCCAGGAG CTGCTCGATG TGATTGTTGC TGATCTGGAT GGAGGGACGG 240
TCACCATTCC TGAGTGTGTG CACATTCCAC CCTTGCCAGA GCCACTGCAG AGTCAGACGC 300
ACAGTGTGCT GAGCATGGTC CTGGACCCGG AGCTGGAGTT GGCTGACCTC GCCTTCCCTC 360
CGCCCACGAC ATCCACCTCC TCCCTGAAGA TGCAGGACAA GGAGCTGCGC GCGGTCTTCC 420
TGCGGCTGTT CGCTCAGCTG CTGCAGGGCT ATCGCTGGTG CCTGCACGTC GTGCGCATCC 480

156

ACCCGGAGCC TGTCATCCGC TTCCATAAGG CAGCCTTCCT GGGGCAGCGT GGGCTGGTAG 540
AGGACGATTT CCTGATGAAG GTGCTGGAGG GCATGGCCTT TGCTGGCTTT GTGTCAGAGC 600
GTGGGGTCCC ATACCGCCCT ACGGACCTGT TCGATGAGCT GGTGGCCCAC GAGGTGGCAA 660
GGATGCGGGC GGATGAGAAC CACCCCCAGC GTGTCCTGCG TCACGTCCAG GAACTGGCAG 720
AGCAGCTCTA CAAGAACGAG AACCCGTACC CAGCCGTGGC GATGCACAAG GTACAGAGGC 780
CCGGTGAGAG CAGCCACCTG CGACGGGTGC CCCGACCCTT CCCCCGGCTG GATGAGGGCA 840
CCGTGCAGTG GATCGTGGAC CAGGCTGCAG CCAAGATGCA GGGTGCACCC CCAGCTGTGA 900
AGGCCGAGAG GAGGACCACC GTGCCCTCAG GGCCCCCCAT GACTGCCATA CTGGAGCGGT 960
GCAGTGGGCT GCATGTCAAC AGCGCCCGGC GGCTGGAGGT TGTGCGCAAC TGCATCTCCT1020
ACGTGTTTGA GGGGAAAATG CTTGAGGCCA AGAAGCTGCT CCCAGCCGTG TTGAGGGCCC1080
TGAAGGGGCG AGTTGCCCGC CGCTGCCTCG CCCAGGAGCT GCACCTGCAT GTGCAGCAGA1140
ACCGTGCGGT CCTGGACCAC CAGCAGTTTG ACTTTGTCGT CCGTATGATG AACTGCTGCC1200
TGCAGGACTG CACTTCTCTG GACGAGCATG GCATTGCGGC GGCTCTGCTG CCTCTGGTCA1260
CAGCCTTCTG CCGGAAGCTG AGCCCGGGGG TGACGCAGTT TGCATACAGC TGTGTGCAGG1320
AGCACGTGGT GTGGAGCACG CCACAGTTCT GGGAGGCCAT GTTCTATGGG GATGTGCAGA1380
CTCACATCCG GGCCCTCTAC CTGGAGCCCA CGGAGGACCT GGCCCCCGCC CAGGAGGTTG1440
GGGAGGCACC TTCCCAGGAG GACGAGCGCT CTGCCCTAGA CGTGGCTTCT GAGCAGCGGC1500
GCTTGTGGCC AACTCTGAGT CGTGAGAAGC AGCAGGAGCT GGTGCAGAAG GAGGAGAGCA1560
CGGTGTTCAG CCAGGCCATC CACTATGCCA ACCGCATGAG CTACCTCCTC CTGCCCCTGG1620
ACAGCAGCAA GAGCCGCCTA CTTCGGGAGC GTGCCGGGCT GGGCGACCTG GAGAGCGCCA1680
GCAACAGCCT GGTCACCAAC AGCATGGCTG GCAGTGTGGC CGAGAGCTAT GACACGGAGA1740
GCGGCTTCGA GGATGCAGAG ACCTGCGACG TAGCTGGGGC TGTGGTCCGC TTCATCAACC1800
GCTTTGTGGA CAAGGTCTGC ACGGAGAGTG GGGTCACCAG CGACCACCTC AAGGGGCTGC1860
ATGTCATGGT GCCAGACATT GTCCAGATGC ACATCGAGAC CCTGGAGGCC GTGCAGCGGG1920
AGAGCCGGAG GCTGCCGCCC ATCCAGAAGC CCAAGCTGCT GCGGCCGCGC CTGCTGCCGG1980
GTGAGGAGTG TGTGCTGGAC GGCCTGCGCG TCTACCTGCT GCCGGATGGG CGTGAGGAGG2040
GCGCGGGGGG CAGTGCTGGG GGACCAGCAT TGCTCCCAGC TGAGGGCGCC GTCTTCCTCA2100
CCACGTACCG GGTCATCTTC ACGGGGATGC CCACGGACCC CCTGGTTGGG GAGCAGGTGG2160
TGGTCCGCTC CTTCCCGGTG GCTGCGCTGA CCAAGGAGAA GCGCATCAGC GTCCAGACCC2220
CTGTGGACCA GCTCCTGCAG GACGGGCTCC AGCTGCGCTC CTGCACATTC CAGCTGCTGA2280
AAATGGCCTT TGACGAGGAG GTGGGGTCTG ACAGCGCCGA GCTCTTCCGT AAGCAGCTGC2340
ATAAGCTGCG GTACCCGCCG GACATCAGGG CCACCTTTGC GTTCACCTTG GGCTCTGCCC2400
ACACACCTGG CCGGCCACCG CGAGTCACCA AGGACAAGGG TCCTTCCCTC AGAACCCTGT2460
CCCGGAACCT GGTCAAGAAC GCCAAGAAGA CCATCGGGCG GCAGCATGTC ACTCGCAAGA2520
AGTACAACCC CCCCAGCTGG GAGCACCGGG GCCAGCCGCC CCCTGAGGAC CAGGAGGACG2580
AGATCTCAGT GTCGGAGGAG CTGGAGCCCA GCACGCTGAC CCCGTCCTCA GCCCTGAAGC2640
CCTCCGACCG CATGACCATG AGCAGCCTGG TGGAAAGGGC TTGCTGTCGC GACTACCAGC2700
GCCTCGGTCT GGGCACCCTG AGCAGCAGCC TGAGCCGGGC CAAGTCTGAG CCCTTCCGCA2760
TTTCTCCGGT CAACCGCATG TATGCCATCT GCCGCAGCTA CCCAGGGCTG CTGATCGTGC2820
GCCAGAGTGT CCAGGACAAC GCCCTGCAGC GCGTGTCCCG CTGCTACCGC CAGAACCGCT2880
TCCCCGTGGT CTGCTGGCGC AGCGGGCGGT CCAAGGCGGT GCTGCTGCGC TCTGGAGGCC2940
TGCATGGCAA AGGTGTCGTC GGCCTCTTCA AGGCCCAGAA CGCACCTTCT CCAGGCCAGT3000
CCCAGGCGGA CTCGAGTAGC CTGGAGCAGG AGAAGTACCT GCAGGCTGTG GTCAGCTCCA3060
TGCCCCGCTA CGCCGACGCG TCGGGACGCA ACACGCTTAG CGGCTTCTCC TCAGCCCACA3120
TGGGCAGTCA CGGTAAGTGG GGCAGTGTCC GGACCAGTGG ACGCAGCAGT GGCCTTGGCA3180
CCGATGTGGG CTCCCGGCTA GCTGGCAGAG ACGCGCTGGC CCCACCCCAG GCCAACGGGG3240
GCCCTCCCGA CCCGGGCTTC CTGCGTCCGC AGCGAGCAGC CCTCTATATC CTTGGGGACA3300
AAGCCCAGCT CAAGGGTGTG CGGTCAGACC CCCTGCAGCA GTGGGAGCTG GTGCCCATTG3360
AGGTATTCGA GGCACGGCAG GTGAAGGCTA GCTTCAAGAA GCTGCTGAAA GCATGTGTCC3420
CAGGCTGCCC CGCTGCTGAG CCCAGCCCAG CCTCCTTCCT GCGCTCACTG GAGGACTCAG3480
AGTGGCTGAT CCAGATCCAC AAGCTGCTGC AGGTGTCTGT GCTGGTGGTG GAGCTCCTGG3540
ATTCAGGCTC CTCCGTGCTG GTGGGCCTGG AGGATGGCTG GGACATCACC ACCCAGGTGG3600
TATCCTTGGT GCAGCTGCTC TCAGACCCCT TCTACCGCAC GCTGGAGGGC TTTCGCCTGC3660
TGGTGGAGAA GGAGTGGCTG TCCTTCGGCC ATCGCTTCAG CCACCGTGGA GCTCACACCC3720
TGGCCGGGCA GAGCAGCGGC TTCACACCCG TCTTCCTGCA GTTCCTGGAC TGCGTACACC3780
AGGTCCACCT GCAGTTCCCC ATGGAGTTTG AGTTCAGCCA GTTCTACCTC AAGTTCCTCG3840
GCTACCACCA TGTGTCCCGC CGTTTCCGGA CCTTCCTGCT CGACTCTGAC TATGAGCGCA3900
TTGAGCTGGG GCTGCTGTAT GAGGAGAAGG GGGAACGCAG GGGCCAGGTG CCGTGCAGGT3960
CTGTGTGGGA GTATGTGGAC CGGCTGAGCA AGAGGACGCC TGTGTTCCAC AATTACATGT4020
ATGCGCCCGA GGACGCAGAG GTCCTGCGGC CCTACAGCAA CGTGTCCAAC CTGAAGGTGT4080
GGGACTTCTA CACTGAGGAG ACGCTGGCCG AGGCCCTCCC TATGACTGGG AACTGGCCCA4140
GGGGCCCCCT GAACCCCCAG AGGAAGAACG GTCTGATGGA GGCGTCCCCA GAGCAGCGCC4200
GCGTGGTGTG GCCCTGTTAC GACAGCTGCC CGCGGGCCCA GCCTGACGCC ATCTCACGCC4260

157

TGCTGGAGGA GCTGCAGAGG CTGGAGACAG AGTTGGGCCA ACCCGCTGAG CGCTGGAAGG4320
ACACCTGGGA CCGGGTGAAG GCTGCACAGC GCCTCGAGGG CCGGCCAGAC GGCCGTGTGG4380
CCCCTAGCTC CCTCCTTGTG TCCACCGCAC CCCACCACCG TCGCTCGCTG GGTGTGTACC4440
TGCAGGAGGG GCCCGTGGGC TCCACCCTGA GCCTCAGCCT GGACAGCGAC CAGAGTAGTG4500
GCTCAACCAC ATCCGGCTCC CGTCAGGCTG CCCGCCGCAG CACCAGCACC CTGTACAGCC4560
AGTTCCAGAC AGCAGAGAGT GAGAACAGGT CCTACGAGGG CACTCTGTAC AAGAAGGGGG4620
CCTTCATGAA GCCTTGGAAG GCCCGCTGGT TCGTGCTGGA CAAGACCAAG CACCAGCTGC4680
GCTACTACGA CCACCGTGTG GACACAGAGT GCAAGGGTGT CATCGACTTG GCGGAGGTGG4740
AGGCTGTGGC ACCTGGCACG CCCACTATGG GTGCCCCTAA GACTGTGGAC GAGAAGGCCT4800
TCTTTGACGT GAAGACAACG CGTCGCGTTT ACAACTTCTG TGCCCAGGAC GTGCCCTCGG4860
CCCAGCAGTG GGTGGACCGG ATCCAGAGCT GCTGTCGGAC GCCTGAGCCT CCCAGCCCTG4920
CCCGGCTGCT CTGCTCTCGT TACCGACCAC TAGGGGTGGC AGGGCCGCCC CGGCCATGTT4980
TACAGCCCCG GCCCTCGACA GTACTGAGCC CCGAGCCCCC AGCACTTGTG TGTACAGCCC5040
CCGTCCCCGC CCCGCCCCGC CCGGCCGGCC CTAACTTATT TTGGCGTCAC AGCTGAGCAC5100
CGTGCCGGGA GGTGGCCAAG GTACAGCCCG CAATGGGCCT GTAAATAGTC CGGCCCCGTC5160
AGCGTGTGCT GGTCCACGGG CTCAGGCGAG TTTCTAGAAA GAGTCTATAT AAAGAGAGAA5220
CTAACGCCAA AAAAAAAA 5238

Name: 261 Len: 6450 Check: 91C

CGGCCTGGTC CGGGCCATGT CCGCGTGAGG ACCCCGCCGC TGTCGCCGCT CCCGTTCCGG 60
CCCTGGCCCC TCTGCCCGGC AGCGCGGCGC ACCATGGGCT CCATTCTCAG CCGCCGCATC 120
GCGGGGGTGG AGGACATCGA CATCCAGGCG AACTCGGCCT ATCGCTACCC TCCGAAGTCC 180
GGAAACTACT TTGCTTCGCA CTTTTTCATG GGAGGAGAGA AATTCGACAC CCCCCACCCT 240
GAAGGTTACC TCTTTGGAGA GAACATGGAT CTGAACTTCC TGGGCAGCCG CCCGGTCCAG 300
TTTCCCTACG TCACTCCTGC CCCCCACGAG CCCGTGAAGA CGCTGCGGAG CCTGGTGAAC 360
ATCCGCAAAG ACTCCCTGCG GCTGGTGAGG TACAAAGACG ATGCCGACAG CCCCACCGAG 420
GACGGCGACA AGCCCCGGGT GCTCTACAGC CTGGAGTTCA CCTTCGACGC CGATGCCCGC 480
GTGGCCATCA CCATCTACTG CCAGGCATCG GAGGAGTTCC TGAACGGCAG GGCAGTATAC 540
AGCCCCAAGA GCCCCTCGCT ACAGTCCGAG ACCGTCCACT ACAAGAGAGG GGTGAGCCAG 600
CAGTTCTCCC TGCCCTCCTT CAAGATTGAC TTCTCGGAAT GGAAGGATGA CGAGCTGAAC 660
TTTGACCTGG ACCGGGGCGT GTTTCCAGTA GTCATCCAGG CTGTGGTGGA CGAAGGAGAT 720
GTGGTGGAAG TGACTGGCCA CGCCCACGTG CTCTTGGCTG CCTTTGAAAA GCACATGGAC 780
GGCAGCTTCT CTGTGAAGCC TTTAAAGCAG AAGCAAATTG TGGACCGGGT CAGCTACCTC 840
CTGCAGGAGA TCTATGGCAT TGAGAACAAG AACAACCAGG AGACCAAGCC CTCGGACGAC 900
GAGAACAGCG ACAACAGCAA CGAGTGTGTG GTGTGCCTGT CCGACCTGCG GGACACGCTG 960
ATCCTGCCCT GCCGCCACCT GTGCCTCTGT ACCTCCTGCG CCGACACGCT GCGCTACCAG1020
GCCAACAACT GCCCCATCTG CCGGCTGCCT TTCCGGGCCC TCCTGCAGAT CCGGGCGGTG1080
CGGAAGAAGC CAGGAGCCCT GTCCCCCGTG TCCTTCAGCC CCGTCCTGGC CCAGAGCCTG1140
GAGCATGATG AGCACTCTTG TCCCTTTAAA AAATCAAAGC CGCACCCCGC CTCCCTGGCC1200
AGCAAGAAAC CTAAAAGGGA AACAAACTCT GACAGCGTCC CACCTGGCTA CGAGCCCATC1260
TCGCTGCTCG AGGCGCTCAA CGGCCTCCGG GCTGTCTCCC CGGCCATCCC CTCGGCCCCT1320
CTTTATGAAG AAATCACCTA TTCAGGCATC TCGGACGGCC TGTCCCAGGC CAGCTGTCCC1380
CTCGCGGCTA TCGACCACAT CCTGGACAGC AGCCGCCAGA AGGGCAGGCC GCAGAGCAAG1440
GCCCCCGACA GCACCCTACG GTCCCCGTCT TCCCCCATCC ACGAAGAGGA TGAGGAGAAG1500
CTCTCCGAGG ACGTGGACGC CCCTCCCCCA CTGGGTGGCG CAGAGCTGGC CCTGCGGGAA1560
AGCAGCTCCC CTGAGAGTTT CATAACAGAA GAGGTTGATG AGTCGTCGTC ACCACAGCAA1620
GGGACCCGAG CAGCTTCCAT TGAGAATGTC CTGCAGGACA GCAGCCCCGA GCACTGTGGC1680
CGAGGCCCAC CTGCTGACAT CTACCTGCCA GCCCTGGGGC CCGACTCCTG CTCTGTTGGT1740
ATAGACGAGT AAGCCGGTAC GTGACCTTCC AGACGCGCTT CGGGGGCTCT GACGCGCGTC1800
CTTGGAGAGA GGAGCCCTCC CCTGCTCTCT GGCGGGGGTT CCTTCTGGTT TTTGGGTCTT1860
CGTCCGCATC CGCATCTTCC CAGGGGCCCT GGATTCCGAA TCCAGAGCTC TCCAGTGGCT1920
GCTGCACCTT CCCCCAGAAA GTGGCCTCCT GGGGGGTCCT GACTTTCGGG GCCAGAGGTC1980
TCTCCATCTG GACTAGGCGG CCGGTCAGGC TCTTCTTCCA GCCTTGAGGG GCCCTGGAAC2040
AGTCCCAGCC CAGGCAGGGA GACAGACACA GCCCAGGTGC GCCAGAGCCA CTGTCCACTG2100
CGGGAGGCAG GAGCTTGAGG GATGAGGGCA GCACCGTGGA GGGAACCCCA GGGAGACATG2160
GGGTGAGCGT CCCAAGGGGA GAGGCCTGGG CCTGGCCTTG TTCCGGATGG TCCCACCATG2220
AGTTCGCATC GGTCCTGCAG CAGACACGTT AGGACGCTCA GCAGGTCCAC TCCCGTGTTC2280
CGGTCATGGC TTTAACAATT CATGGGGAAA GAATGCGCCC CGATTGGGAG AGCCCCTGGA2340
TCACGTCTTC CCAAGCTCAG TCCCTGTCTC TTGGAGGGAG TCCGTCCTCG AGGGGCCCTC2400
TGGTGCCCAG GGGAGAGTAT CTTGCGTCCT GTCCTGAGGG CGTCCGCTCA CACAGCCACC2460
TGCTCCCCCG CTCCCTCCTT CCCTTGTCAG CATGGCCACC GTGGGCCTGG CATCACCATG2520
GGCCTGGCAC ACAGTCCCTC GTGGGCTGCC TTTGTGCCAT GAGCCCACTG CTGCCGACTC2580
ACCTGTCCCT CCCAGTACTG GAACCTTCTG GAACACCAGC ACTAAAAGAT AGGAGGCCCT2640
GTGAGGTTGG CATCCCCCAT CCCCCCCCAA GAGGTGCCCT CTACCAGGGT GGCCCAGGTG2700

158

AGTGTTTTAC AGAAGGCGGC TCTGTCCAGG CAGTGGTTCG CACCTATAAG CCCGGTACTT2760
TGGGAGACCG AGGGGATAGA TCACTTGAGC CCAGGAATTC AAGATCAGTG TAGAAAACAT2820
AGACCCCCTC TCTATAAAAA ATAAAAAATT GGCTTGGGCG TGGTAGCTTG TGCCTGTGGT2880
CCCAGCTACT CAGGGGTGCT GAGGTGGGAG GATTGCCGGA GCTGGGGAGG TCAAGGCCCA2940
CTCCAGCCTG AGACGCTGTC TCAATAAAAA AAAATACACA CACACCCACC CACCCACTCC3000
AGCCTGAGAC CCTGTCTCAA GAAAAAAAAA AATACACACA CACACACACA CACACACACA3060
CACACACACA CACACACACA CACACGGGGG AGAGAGAGAA GGCAGCTCCA GGAGTGCCAC3120
CAAAATGTAG GCAGACGGAT TGGGGACCCT CTGCCTTCCC AGAGGGTCTT GGCACACAAG3180
CTGCGTGCAG CTCTGGTCTG CCGAGGCCCA TGCAGCCTGC TGGGAGGTGC CTGGCCGGGG3240
GTGCAGGCTC TAAGAGGCCC TTTCCCCTTG GGTGGACTTG AGCCGGGTCA GGGAGAACTT3300
CGCTTCTTTT GACTGCGCTC TGCATTCCCA TGAACCTCTG TCTTCTTGAG CCCAGCGAGT3360
CCCTCTGTTG ACCCCTGTCC TGAGCCATTA TACCCCTAGA TTGAAACAGT CAGCACCTTT3420
CAGACGGCCC CGGCCTGCGC ATCGGTGGAA GGTGCCATGC GAATGTCACG ATTCAGGTCA3480
AGCTTCCGGA GCTGGGGAGT GCAGGTGTGA TCTAGAACAG GGCTCACAGC CTCGGAAACC3540
TGCTCTCGCC GCGGCCCCCG AAGAAAATAG ACGCCCTTCA CCGGAGAGTG GGGCCTGGGC3600
CGTGTCTGCT GGGAGCCATG TGTCAGGGCT GGTGGCTGGG TGTCAGGCAG CCCTGAGGCC3660
ATGCTGGCCC CGTCCCAGGC TCTGCACCAG CACCATTGCC CAAGCCCCAG GGACGCCAGA3720
CCCATCCGGG GACAGCGCCC GGCGGCGTCG TGCAGGCCAC AGTCTGGGCA TTGGGGCTCT3780
GTGGGAGGCT CCTCTCTTTG CCTTGCAGTA GCCATCCGGG GGCTACTCTG AGCACGGGCT3840
TGTTCTCACC CAGGGCCGCT CCCGACCCCT GCACCCTGGG TTGACCGAGT TCCACCCTAA3900
CCCAGCCGTA AGAACCTTGG CAGGACAGTG GCTGGCCACA TCCCAGGAAA CCGGAACCAG3960
GGCAAGGGCA GGAGGCCCAG AGGGCATCCA CTGCGGTGCC GTGTCGCGCT CTGACTCGGG4020
GCTGCAGATC TGCTGTGGGT GTCCGGGGAT CTGGGATCGT CTGTCCCAAG AGGGACACAG4080
CGTATTTGGC ACAGTTAGGG AGTCCCCGGG CCCTTGGTGT GCTCACATCT GAGTGAATGC4140
TGTTGTGGCC ACAGGCGGCG GGAGTGGGGG TGCTGGATGG CCCAGCCCCT CTGGGGCTCC4200
AGATCGGTAG GAGCGGGTGG CGTGGCACCA GGCATCCGAG TGTGACCCTC CTCCCTCTGC4260
TCCCACCTGC AGGACGGCCC ACCTCCATGG AGACGGCCCA CGGCCTCGCC ACCACCAGCC4320
CCACCTGGCC TCCACTTGGT GGCCCCAGCC CCGATCCCAG CGCCGCCGAG CTGACCCCAC4380
TCTGAGAGCC TGGCCGAGCT GGCAGCATGG AGCCCTCGGC TCCCCAGACT TTGCCGAGGG4440
GCTGCTCCGG ACCCCGTTGT GAGCCGGCCT CCTGTCTGCA TGCCCCCTGT GGCCACCAGG4500
CTCCGAGGGG CCGTGGTGAC TCTTGATCAA AGAGCACAGT GAACTGTCCC TTCTGAGTCT4560
CCCTTTTCTA CAGTTGATAT ATTTGTAACT GGTACAAGAT GAAGGACAGC AGCTTTCCAT4620
CCCTAGTTCA GAGCCCCCGT TCCCCAGGGT CCTGTGGGCT GAGCGGCTGG GGCTGGGGCT4680
GCCCACGTGT GGCCTCCGCT GGCTCTGCCT GCTCCTGCAA CAGTGCGGTC CCTGCCCGGA4740
GAACTCAGGA GGCCTGCAGA AGAGAACTGA TTGGTGGTCG AAGCACCATC TTCACAGATG4800
TTCAGGGGCA GTGGGGGGCT CCAGGCACGG TCAATGAAGG AAACAGTGCC TGTCCACCCA4860
CCCTGCGTGT CACTGTGGCG GCCTGGCTGT CGCTGCTTTT TGTCCTCTGC CGTGTTTGCG4920
CGGCCTCAGT GCCCTCCCTG GTGCGTCTGC GCTGGGGCCC TCAGTGCTCG GGGCCTTGGG4980
GTGCATGGGC GCCGCCCTGG GCAGCTAGAG TGTCTCAGCC CGGTGCTGGG CCTGGCCGAG5040
GGGCGGAGGC ACAGCTGCTT CCAGCAGCCA GCATTCAGTG GCCTTGTCAC CAAGCTCCAC5100
ACCTCCTCCT GGTGCTGGCT TTGGTGACAT CACAAGGCCC CTCCAGGTGC AGGGGCTTCT5160
GTTTGGCAGG CCCCTGCCAG GGAGGACCTG GTGGCCTCCT CATTCTCTTT TGCCATTGGA5220
ATGTCCCCTT GCAGTTCTCT TCTCTTTTTT TTTTTTTTTG AGATGGAGTT TCACTCTTGC5280
TGCCCAGGCT GGAGTGCAGT GGCTCAATCT CGGGTCACTG CAACCTCCGC CTCCCGGGTT5340
CAAGTGATCG TCCTGCCTTA GGCTCCTGAG TAGCTGGGGA TTACAGGTGC CTACCAGCAT5400
GCTCGGCTAA TTTTTTTGTA TTTTTAGTAG AGAAGGGATT TCACCATGTT GGCCGGGCTG5460
GTCTCAAACT CCTAAGGTCA TCCACCTGCC TCGGCCTCCC AGAGTGCTGA GATTACAGGC5520
GTGAGCCTCC GCGCCCGGCC CCCTTGCAGT TCTCTCTGAT TTGGTTTGTT CTGTCTCAGG5580
CTTCTGTGGC AGGACTGGCC CAGGGAGGAG GAAGCCAGCA GCACACCTGG GGAATGGGGT5640
CCCGGCCGGG AGGCTTGGCC TCTGGGCGAC CTCGTCCTGT TTTGTTTGTT TGTTTGTTTG5700
TTTTTTTAAA GGTAAACCTC CTGGGCCGCA GATGGCAAAG GGAGTGCCTG GGCCTGGTGA5760
CCCAGGGCTG GATCCACCCC TGCGGAGCCC TGGGCCAGGC AGGTGTCTGC TGCTCACCTG5820
GCTCTGGAGG GCTGCCCTGC AGCTGGGCCT GGGGACAGGT CGGCTGTGGG GCAGCTCAGT5880
ACCCTCCCTG AGGCTCACGG TGGCTCCGAG CATGAGCTCT GCCTCCTGGG CGAGACCCAG5940
CAGTGGACAG CACGGTCCTC ACACCCAGCT CCCTGCACAC CCAGGCCAGC CACCCCTCCC6000
GCTCGTGCAC AGGCACGCAG ATGCGCTCAC ACGTACACAC ACACAAATGC ACGCCCACTT6060
GCACATGCTC ACGCACACGT TCACACATGC ACACTCACGC TCACACATGC TGTCACGCAT6120
ACACACACGC ACATACTCCT GCACATGTTC CCATGCATGT GTGTGCACTC GGACCGAGCA6180
TCTCCCACGC ACCTCTACCC CACCCCAAGC ACCTCTCTCC CCCCATGCAC CTCTCCCCAA6240
CAACACACAC AGCCCCCTGC ACCGCCCGCC CCCCGCCCCC ACCAAGGCCC CAGCCTCTGG6300
CCATCAGTCC TGGTGCCAGA GCTTTGCGTG AAGTTCGGGC CGCAGAGTGG CCCGCTGGGA6360
CTCCCATGTG CTGCCGTCTG ATGTGCTCAG ATGGGCTCAT CGTTGGTTCG TTTTTACTGT6420
ATATTTATAG TAATAAAATC ATGCAGCAAT 6450

159

Name: 262 Len: 4611 Check: 6F0

```
GTGTCGCTCG CTTTCTGTCA GCCTCTCTCC CTCTCCCTCT CCCCTCTCCT TCCTCTCGCT  60
TCCTCTCTCG CACCTGAGCG TACGCACCTG CCCGGGCCCG GCTCCCTCCT CCTCTCCCCT 120
CCCTCTTTCC CCGCCCGGCC GCGGGAGCCT CGTGGCTGCG TCACCGCCGC CCCCCCAGAC 180
AAGATGGACA CCGCGGAGGA AGACATATGT AGAGTGTGTC GGTCAGAAGG AACACCTGAG 240
AAACCGCTTT ATCATCCTTG TGTATGTACT GGCAGTATTA AGTTTATCCA TCAAGAATGC 300
TTAGTTCAAT GGCTGAAACA CAGTCGAAAA GAATACTGTG AATTATGCAA GCACAGATTT 360
GCTTTTACAC CAATTTATTC TCCAGATATG CCTTCACGGC TTCCAATTCA AGACATATTT 420
GCTGGACTGG TTACAAGTAT TGGCACTGCA ATACGATATT GGTTTCATTA TACACTTGTG 480
GCCTTTGCAT GGTTGGGAGT TGTTCCTCTT ACAGCATGCC GCATCTACAA GTGCTTGTTT 540
ACTGGCTCCG TGAGCTCACT ACTGACGCTG CCATTAGATA TGCTGTCAAC GGAAAATTTG 600
TTGGCAGATT GTTTGCAGGG TTGTTTTGTG GTGACGTGCA CACTGTGTGC ATTCATCAGC 660
CTGGTGTGGT TGAGAGAGCA GATAGTCCAT GGGGGAGCAC CAATTTGGTT GGAGCATGCT 720
GCCCCACCGT TCAATGCTGC GGGGCATCAC CAAAATGAGG CTCCAGCAGG AGGAAATGGT 780
GCAGAAAATG TTGCTGCTGA TCAGCCTGCT AACCCACCAG CTGAGAACGC AGTGGTGGGG 840
GAAAACCCTG ATGCCCAGGA TGACCAGGCA GAAGAGGAGG AGGAGGACAA TGAGGAGGAA 900
GATGACGCTG GTGTGGAGGA TGCGGCAGAT GCTAATAACG GAGCCCAGGA TGACATGAAT 960
TGGAATGCTT TAGAATGGGA CCGAGCTGCT GAAGAGCTTA CATGGGAAAG AATGCTAGGA1020
CTTGATGGAT CACTAGTTTT TCTGGAACAT GTCTTCTGGG TGGTATCTTT AAATACACTG1080
TTCATTCTTG TTTTTGCATT TTGCCCTTAC CATATTGGTC ATTTCTCCCT TGTTGGTTTG1140
GGATTTGAAG AACACGTCCA AGCATCTCAT TTTGAAGGCC TAATCACAAC CATAGTTGGG1200
TATATACTTT TAGCAATAAC ACTGATAATT TGTCATGGCT TGGCAACTCT TGTGAAATTT1260
CATAGATCTC GTCGCTTACT GGGAGTCTGC TATATTGTTG TTAAGGTCTC TTTGTTAGTG1320
GTGGTAGAAA TTGGAGTATT CCCTCTCATT TGTGGTTGGT GGCTGGATAT CTGTTCCTTG1380
GAAATGTTTG ATGCTACTCT GAAAGATCGA GAACTGAGCT TTCAGTCGGC TCCAGGTACT1440
ACCATGTTTC TGCATTGGCT AGTGGGAATG GTATATGTCT TCTACTTTGC CTCCTTCATT1500
CTACTACTGA GAGAGGTACT TCGACCTGGT GTCCTGTGGT TTCTAAGGAA TTTGAATGAT1560
CCAGATTTCA ATCCAGTACA GGAAATGATC CATTTGCCAA TATATAGGCA TCTCCGAAGA1620
TTTATTTTGT CAGTGATTGT CTTTGGCTCC ATTGTCCTCC TGATGCTTTG GCTTCCTATA1680
CGTATAATTA AGAGTGTGCT GCCTAATTTT CTTCCATACA ATGTCATGCT CTACAGTGAT1740
GCTCCAGTGA GTGAACTGTC CCTCGAGCTG CTTCTGCTTC AGGTTGTCTT GCCAGCATTA1800
CTCGAACAGG GACACACGAG GCAGTGGCTG AAGGGGCTGG TGCGAGCGTG GACTGTGACC1860
GCCGGATACT TGCTGGATCT TCATTCTTAT TTATTGGGAG ACCAGGAAGA AAATGAAAAC1920
AGTGCAAATC AACAAGTTAA CAATAATCAG CATGCTCGAA ATAACAACGC TATTCCTGTG1980
GTGGGAGAAG GCCTTCATGC AGCCCACCAA GCCATACTCC AGCAGGGAGG GCCTGTTGGC2040
TTTCAGCCTT ACCGCCGACC TTTAAATTTT CCACTCAGGA TATTTCTGTT GATTGTCTTC2100
ATGTGTATAA CATTACTGAT TGCCAGCCTC ATCTGCCTTA CTTTACCAGT ATTTGCTGGC2160
CGTTGGTTAA TGTCGTTTTG GACGGGGACT GCCAAAATCC ATGAGCTCTA CACAGCTGCT2220
TGTGGTCTCT ATGTTTGCTG GCTAACCATA AGGGCTGTGA CGGTGATGGT GGCATGGATG2280
CCTCAGGGAC GCAGAGTGAT CTTCCAGAAG GTTAAAGAGT GGTCTCTCAT GATCATGAAG2340
ACTTTGATAG TTGCGGTGCT GTTGGCTGGA GTTGTCCCTC TCCTTCTGGG GCTCCTGTTT2400
GAGCTGGTCA TTGTGGCTCC CCTGAGGGTT CCCTTGGATC AGACTCCTCT TTTTTATCCA2460
TGGCAGGACT GGGCACTTGG AGTCCTGCAT GCCAAAATCA TTGCAGCTAT AACATTGATG2520
GGTCCTCAGT GGTGGTTGAA AACTGTAATT GAACAGGTTT ACGCAAATGG CATCCGGAAC2580
ATTGACCTTC ACTATATTGT TCGTAAACTG GCAGCTCCCG TGATCTCTGT GCTGTTGCTT2640
TCCCTGTGTG TACCTTATGT CATAGCTTCT GGTGTTGTTC CTTTACTAGG TGTTACTGCG2700
GAAATGCAAA ACTTAGTCCA TCGGCGGATT TATCCATTTT TACTGATGGT CGTGGTATTG2760
ATGGCAATTT TGTCCTTCCA AGTCCGCCAG TTTAAGCGCC TTTATGAACA TATTAAAAAT2820
GACAAGTACC TTGTGGGTCA ACGACTCGTG AACTACGAAC GGAAATCTGG CAAACAAGGC2880
TCATCTCCAC CACCTCCACA GTCATCCCAA GAATAAAGTA GTTGTCTCAA CAACTTGACC2940
TTCCCCTTTA CATGTCCTTT TTTGTGGACT TCTCTCTTTG GAGATTTTTC CCAGTGATCT3000
CTCAGCGTTG TTTTTAAGTT AAATGTATTT GACTTGTGTT CTCAGCATTC AGAGAGCAGC3060
GGTGTAAGAT TCTGCTGTTC TCCCTGGATC TTCTGACATT ACTGCTGTCT GAGATTTGTA3120
TATGTGTAAA TACAAGTTCC TTGATACCCT AAAACCTTGG ATTAAACAGA ATGTGCATTG3180
TACATCTTTA AACAAAATGT ATATTAATTT ATTAAATCTA GTTGTCACTT TATTTTGGAC3240
CTGCTGTGAT CTCGACAGGA AACGTGCCAC AGAGCAGTAG TGCGCAGGCA AGACTTTTCA3300
GTGACGCCTT GTGGAACGCA GTTCATGATG TCCTAGCAGC TCTCACTAAG GGAACTGTAC3360
ATTCTTTCTT TCTTGGCTAT TCAGACCTTA CCAAGAACGT TAAAGGAAAC AAGTAGAAAT3420
CAGCAGTGGA GTGTCTGTGG TAAGAAAACA TGAACTTTAT GCTTCACTGT TAGTTGTTTG3480
TGGAAGTTAT TTTGTATAAC ACCAAAGCTG TTGTACATTT CCTACTGCCT GATTTTTTTC3540
ATGTGTCTGT GTTTGTAATA TTGTATAGTA TCTTGTGCTA GGTGAGGAAA TTATTTTTAA3600
TTTTGATAAT TTAATATTCC TAGTGTGATC AGCATTGGGA GTTGGGTTTC AGTGGGGCAT3660
GTCTATACTT AGAGAAAAAA AGTCCAAATG AAGATTTTCA TGAGTCAGCC CCCCCGCCCG3720
```

160

```
CCCCCACCCC ACACCCACAT CCTCTCTTTT CCACACACAA CTATCTGTTT ATTTTTTGTA3780
GCAGTGGCCG AAAGTCCTGC AAGGTCATAA ATCTTTCAGA GTGACATCAC CAACTGTACT3840
GCATCTTACT GGATTTAGGA CTTCTGAGAT GCTTGTGAAG TATAGATGTG GTTGTGGTCT3900
TAGATTGACA GCATTAGAGA AGACTGGTTA GAACATCTGG TCTCGCTGGT TAGTGCCTCG3960
TTGGCTGAGG ACTAGGTGTG CATTTCTCCT AGCTTTTCAT CAGGAAATCC CAAAGTTTCC4020
AAAGCTTTTT GTTTACAGAA TAAAACTTCA AATAAAACCA ATTCATTATT TGTCCAGAAG4080
GAAGCTTGGC TGAGCTGGCC TTTTAACATA GGAATGTATT TCGTTGGAAA CATTCTGAAA4140
AATCTCAGAG AACTGAACCC TTACAAACTT TGTTTTCCCT CATAACCAAA GCTTCAGGTT4200
AGAAGTTTAG AAAAATAGAA TGGTTGGGTA CATGATCTAA ATGTTTAATG CTAAAGGTAT4260
ATCGTAAGGG TAGTGTTTGT TTTTGAACGA TAATTTAGAA GTTCTCATAG AAAGCGTATA4320
ACATAGGTCT TCAGAAACTA TAAAAGAATT TTCATATAGT ATTAAAATCC ATAGACTAAA4380
ATCTGAGAAT TTTTTAACAT ATGCAAGTCA GCCAAACATA AGCTACCAAA ATAAAGAGCA4440
ATGTGTTCTG GCTGTTTTAT ACTTCAACAA TTTTTTCCCT AAGTGGTAAG CAATTACTTT4500
AAAACATATT TTTAAAAACA TCGGTATCGG GAGCTGCGGT GGCTCCGGCC GGTTGTCCTG4560
GCACACAAGG AGGCGAGGCT ATGCGTTCGA GGCCAACCTA GGCAAAATTG G          4611
Name: 263              Len:  3074  Check:      F6A
CCGCTCTCCG CTGCGGGGGA GGCCATGGCG GAACCTTCCC AGGCCCCGAC CCCGGCCCCG   60
GCTGCGCAGC CCCGGCCCCT TCAGTCCCCA GCCCCTGCCC CAACTCCGAC TCCTGCACCC 120
AGCCCGGCTT CAGCCCCGAT TCCGACTCCC ACCCCGGCAC CAGCCCCTGC CCCAGCTGCA 180
GCCCCAGCCG GCAGCACAGG GACTGGGGGG CCCGGGGTAG GAAGTGGGGG GGCCGGGAGC 240
GGGGGGGATC CGGCTCGGCC TGGCCTGAGC CAGCAGCAGC GCGCCAGTCA GAGGAAGGCG 300
CAAGTCCGGG GGCTGCCCCG CGCCAAGAAG CTTGAGAAGC TAGGGGTCTT CTCGGCTTGC 360
AAGGCCAATG GAACCTGTAA GTGTAATGGC TGGAAAAACC CCAAGCCCCC CACTGCACCC 420
CGCATAGATC TGCAGCAGCC AGCTGCCAAC CTGAGTGAGC TGTGCCGCAG TTGTGAGCAC 480
CCCTTGGCTG ACCACGTATC CCACTTGGAG AATGTGTCAG AGGATGAGAT AAACCGACTG 540
CTGGGGATGG TGGTGGATGT GGAGAATCTC TTCATGTCTG TTCACAAGGA AGAGGACACA 600
GACACCAAGC AGGTCTATTT CTACCTCTTC AAGCTACTGC GGAAATGCAT CCTGCAGATG 660
ACCCGGCCTG TGGTGGAGGG GTCCCTGGGC AGCCCTCCAT TTGAGAAACC TAATATTGAG 720
CAGGGTGTGC TGAACTTTGT GCAGTACAAG TTTAGTCACC TGGCTCCCCG GGAGCGGCAG 780
ACGATGTTCG AGCTCTCAAA GATGTTCTTG CTCTGCCTTA ACTACTGGGA GCTTGAGACA 840
CCTGCCCAGT TTCGGCAGAG GTCTCAGGCT GAGGACGTGG CTACCTACAA GGTCAATTAC 900
ACCAGATGGC TCTGTTACTG CCACGTGCCC CAGAGCTGTG ATAGCCTCCC CCGCTACGAA 960
ACCACTCATG TCTTTGGGCG AAGCCTTCTC CGGTCCATTT TCACCGTTAC CCGCCGGCAG1020
CTGCTGGAAA AGTTCCGAGT GGAGAAGGAC AAATTGGTGC CCGAGAAGAG GACCCTCATC1080
CTCACTCACT TCCCCAAATT CCTGTCCATG CTGGAGGAGG AGATCTATGG GGCAAACTCT1140
CCAATCTGGG AGTCAGGCTT CACCATGCCA CCCTCAGAGG GGACACAGCT GGTTCCCCGG1200
CCAGCTTCAG TCAGTGCAGC GGTTGTTCCC AGCACCCCCA TCTTCAGCCC CAGCATGGGT1260
GGGGGCAGCA ACAGCTCCCT GAGTCTGGAT TCTGCAGGGG CCGAGCCTAT GCCAGGCGAG1320
AAGAGGACGC TCCCAGAGAA CCTGACCCTG GAGGATGCCA AGCGGCTCCG TGTGATGGGT1380
GACATCCCCA TGGAGCTGGT CAATGAGGTC ATGCTGACCA TCACTGACCC TGCTGCCATG1440
CTGGGGCCTG AGACGAGCCT GCTTTCGGCC AATGCGGCCC GGGATGAGAC AGCCCGCCTG1500
GAGGAGCGCC GCGGCATCAT CGAGTTCCAT GTCATCGGCA ACTCACTGAC GCCCAAGGCC1560
AACCGGCGGG TGTTGCTGTG GCTCGTGGGG CTGCAGAATG TCTTTTCCCA CCAGCTGCCG1620
CGCATGCCTA AGGAGTATAT CGCCCGCCTC GTCTTTGACC CGAAGCACAA GACTCTGGCC1680
TTGATCAAGG ATGGGCGGGT CATCGGTGGC ATCTGCTTCC GCATGTTTCC CACCCAGGGC1740
TTCACGGAGA TTGTCTTCTG TGCTGTCACC TCGAATGAGC AGGTCAAGGG TTATGGGACC1800
CACCTGATGA ACCACCTGAA GGAGTATCAC ATCAAGCACA ACATTCTCTA CTTCCTCACC1860
TACGCCGACG AGTACGCCAT CGGCTACTTC AAAAAGCAGG GTTTCTCCAA GGACATCAAG1920
GTGCCCAAGA GCCGCTACCT GGGCTACATC AAGGACTACG AGGGAGCGAC GCTGATGGAG1980
TGTGAGCTGA ATCCCCGCAT CCCCTACACG GAGCTGTCCC ACATCATCAA GAAGCAGAAA2040
GAGATCATCA AGAAGCTGAT TGAGCGCAAA CAGGCCCAGA TCCGCAAGGT CTACCCGGGG2100
CTCAGCTGCT TCAAGGAGGG CGTGAGGCAG ATCCCTGTGG AGAGCGTTCC TGGCATTCGA2160
GAGACAGGCT GGAAGCCATT GGGGAAGGAG AAGGGGAAGG AGCTGAAGGA CCCCGACCAG2220
CTCTACACAA CCCTCAAAAA CCTGCTGGCC CAAATCAAGT CTCACCCCAG TGCCTGGCCC2280
TTCATGGAGC CTGTGAAGAA GTCGGAGGCC CCTGACTACT ACGAGGTCAT CCGCTTCCCC2340
ATTGACCTGA AGACCATGAC TGAGCGGCTG CGAAGCCGCT ACTACGTGAC CCGGAAGCTC2400
TTTGTGGCCG ACCTGCAGCG GGTCATCGCC AACTGTCGCG AGTACAACCC CCCGGACAGC2460
GAGTACTGCC GCTGTGCCAG CGCCCTGGAG AAGTTCTTCT ACTTCAAGCT CAAGGAGGGA2520
GGCCTCATTG ACAAGTAGGC CCATCTTTGG GCCGCAGCCC TGACCTGGAA TGTCTCCACC2580
TCGGATTCTG ATCTGATCCT TAGGGGGTGC CCTGGCCCCA CGGACCCGAC TCAGCTTGAG2640
ACACTCCAGC CAAGGGTCCT CCGGACCCGA TCCTGCAGCT CTTTCTGGAC CTTCAGGCAC2700
CCCCAAGCGT GCAGCTCTGT CCCAGCCTTC ACTGTGTGTG AGAGGTCTCC TGGGTTGGGG2760
CCCAGCCCCT CTAGAGTAGC TGGTGGCCAG GGATGAACCT TGCCCAGCCG TGGTGGCCCC2820
```

161

CAGGCCTGGT CCCCAAGAGC TTTGGAGGCT TGGATTCCTG GCCCTGGCCC AGGTGGCTGT2880
TTCCCTGAGG ACCAGAACTG CTCATTTTAG CTTGAGTGAT GGCTTCAGGG GTTGGAAGTT2940
CAGCCCAAAC TGAAGGGGGC CATGCCTTGT CCAGCACTGT TCTGTCAGTC TCCCCCAGGG3000
GTGGGGGGTA TGGGGACCAT TCATTCCCTG GCATTAATCC CTTAGAGGGA ATAATAAAGC3060
TTTTTATTTC TCTG 3074

Name: 264 Len: 6184 Check: 7A5

GGCGAGGGGT GCACGGCGGC CACCTGAGTG GCGCGGCGGT GTCAGGTTCT TGCTCAAGTA 60
CCAACTCTAT GGACCCAGGA CAGGTTTGTC CCATGACCTG CTGTGAACAG TGTGTTGTCT 120
GATAGAAGAT TCGGTTGGCA AACCATCTCT CTATTGCCTT ACAGAGCAAG CAAAGAAGAT 180
GGATCGATTG AAGAGCCATC TGACTGTGTG CTTTCTACCT TCTGTGCCCT TTTTAATCCT 240
AGTATCCACT CTAGCCACCG CTAAGAGTGT GACTAACAGC ACTTTAAATG GCACTAACGT 300
GGTCTTGGGC TCTGTGCCCG TAATCATTGC CAGAACTGAC CATATCATAG TCAAGGAAGG 360
GAACAGTGCC TTGATTAACT GTAGTGTTTA TGGCATCCCT GACCCACAGT TCAAGTGGTA 420
TAATTCCATT GGCAAGCTGC TGAAAGAAGA AGAGGATGAG AAGGAGAGAG GAGGAGGAAA 480
ATGGCAAATG CACGACAGCG GCCTCCTGAA CATCACCAAG GTATCCTTCT CAGACCGAGG 540
TAAATACACG TGTGTGGCTT CTAACATCTA CGGCACCGTG AACAACACGG TGACCTTGCG 600
CGTCATCTTC ACTTCTGGAG ACATGGGTGT CTACTACATG GTCGTGTGCC TGGTGGCCTT 660
CACCATCGTC ATGGTCCTCA ATATCACCCG CCTGTGCATG ATGAGCAGCC ATCTAAAGAA 720
GACTGAGAAG GCCATCAATG AGTTCTTTAG GACCGAAGGT GCAGAGAAGC TGCAGAAGGC 780
ATTTGAGATC GCCAAGCGCA TCCCCATCAT CACCTCCGCC AAAACTCTAG AGCTTGCCAA 840
AGTCACCCAG TTCAAAACCA TGGAGTTCGC CCGCTACATC GAAGAGCTTG CCAGGAGCGT 900
GCCTCTGCCG CCTCTCATTA TGAACTGCAG GACTATCATG GAGGAGATTA TGGAGGTGGT 960
TGGGCTGGAG GAGCAGGGGC AGAATTTTGT GAGGCATACT CCAGAGGGCC AGGAGGCCGC1020
AGACAGGGAT GAGGTCTACA CAATCCCCAA CTCTCTGAAG CGGAGCGACT CCCCTGCCGC1080
TGACTCGGAC GCCTCATCGC TGCACGAGCA ACCTCAGCAA ATTGCCATCA AGGTGTCAGT1140
TCACCCGCAG TCCAAAAAAG AGCATGCAGA TGACCAAGAG GGTGGACAGT TTGAAGTCAA1200
AGATGTAGAG GAGACAGAAC TGTCGGCGGA ACATTCCCCC GAAACTGCAG AACCTTCTAC1260
CGATGTCACG TCCACCGAGC TAACATCTGA AGAGCCAACA CCTGTTGAGG TACCAGATAA1320
GGTACTGCCG CCAGCTTACC TGGAAGCCAC AGAGCCAGCA GTGACACATG ACAAAAACAC1380
CTGCATTATT TACGAAAGCC ATGTCTAATA CCAACCCCGA AAAGCTATGC ATATCAAGAA1440
AATCAGGGGC TGCTCCTTGT AATACAGATG TAGTACGCAC TTGCCGCTAA GCCTTACCAG1500
GAGACTCTCA TCCCTTAGGT AGGAGTGATG CCACTTTAAA AGGAGAAACA CCTGCCTGCA1560
GTGAATGGGA CTGGAATTTC CCCAGTAGAG AAGGGTGCGA GAAACATCAG GGTGCAGAAT1620
TGATACCAGA CAGAAGGTGT CTATGTGATA ATGAGTTTCA GAGGCTGATC TCTGCCAAAT1680
ACCTTAATTG GTGATGCCTT CTTGGCAAAG AGTACACCAC TGTAAGATAT TCTGAGTTCA1740
AGAACCCTGT CCAGTGCCCC CTGCATTGCT TTTCCTTTTA AAAAGTATAG GTCTGCTACA1800
ATAGCAAATG CACGTACGTG GGTTTTTTGC AGTTTCTTCT CAGTTTTAAT TTTGCTTTTC1860
CTTTATAATG GGGTCATTGT TATTAATACT AATTGTTCTT TCTGGTTTAG TCCTCATTGC1920
CACTTTTGTC CTTATGTTTC CCTAGAACAC GTACCTCAGA GACTTTGGTA TCAGTCACCA1980
GTACCAGGGC TGATATCTAC AAGTCACATT ACATTTGTCA TGTTCCAAAG TAGTTACGAG2040
GCTTGTTATT TTTTTTTCAT TCCCCAGGCC TATTTCCATA GATAGCTTTT TTTGTTTGTT2100
TCCAACGAAG CTGCTGTTAA ACGAAACTGA GAAAAACTTT GCCCCGGAAT AGCACTTTAA2160
TAGTCAAAAA TGTGTTTACC TGTCTGATTG AGTGAGCCTT TTGGTGAGCT CAGCTGAGAT2220
GTAGAGGGAG ATTGTAAAAG GTTAAATATA CCCACACCAC CCATGAAAGT CACTGTTTAA2280
GTTACATCAT CCTCCAAATA AAGACTGATT CTTTACCTGG AAAATATATT GCTTCCAAAG2340
ACATCAGATT CAGTGGATTC CTGTAGGTTA TAGAATATTG GCTTCCAAAC AGGCTTGCAG2400
GGACCATATG CTGTTGGATG ACATATAACC AGGTCCACTT TTATGAACTG CATAGCTGAC2460
TTGGTTGTCC TTAAAGAGGA AAGCGAAAGG TTAGGGTAAT AGCAAAGGGA ACTGTGCCAT2520
CAGATTTTAT GCCAAAACTG TTGAATAATT ATGCAGTCCT GCAAGAAAGT GGTTATATGT2580
GAGGTGCGTG ATGTTATGGA AAGAAGACAA AATTAGTCAT CCAAAGGCTT AATACCCACT2640
GTGCCAATAA CCAGCTGCCT GGCTTTGGAC AAGTCTGGAC CTCAGGTCCC TTATCTGTAG2700
AAGGGGCAGA TGACATGAGC TCTGAGCACT GTTGAAATGG TATCACTGTC ACACAGAACC2760
AAACCAATAT TCACATCCTT GCTCCTTTTC ACAATGACTT TAAAGATTTT TGCTTTCATC2820
TCTTGGTCCA CCTAACATTT TCATGCTTCA TTACTTAAAT AAGAATGTTG GTTTTGAGAA2880
ATAGCATTTT AAACAAATTG TGGATCTTCT CCTTCCAAAA AAACCATTAG GACCACATCT2940
GCAATTAAGA TTTAATATTG GTGAGAATGA GTGGTTTTAT TTAATTTTCC CTTAAAAGCA3000
AAGGAGACAG TAATCTTAAT AAATTCATAG GGGCCGTGGC CACATCAGGT AATGGGGTTA3060
TGATGTCCAA GATTGCATGG ATCACATTGG TGATGAGAGC AGACCCAGAT GTTTAGTCCT3120
CACTCTGTCA CCATCTGAGG AGGTGACCTT GGACAACTCC CTTCCTCTCT CTGGGATTTA3180
ATCTTTTTCA TCTGTAAAAT ATGCAGGTAG TACTCGAGGG TCTACAGGAT CCCTTCTAGT3240
TGAAACATTT ATAGTTCACA GAAAGTTTGC AGTCTTCCAG GATAACCAAC CCCCGTTGCA3300
TGAGACAAGC AAAAAATGGG TCCATGAAAT TGGATACTTT TGCCATCCAA ACTTTACAAC3360
AAACATTATC TGGCTCTGTA ATTGAGAGCA GTGGGCTTGG TTTTAAACCT AGCCTTGATT3420

162

AGTTTGTTTA TAGATAACTG TTGTGGAAGG TGATAGAACT AGTCATGGAG TTTGATGAGA3480
CATCTCTTGA AAAGGACTGA ACTGTTGACT TCTGGTTAGA AGTGCTTTGG GCAGTCACAT3540
AAAGAAATGA GCAGTGAGAA ATCAGGAGAA ATTATGACTC CTGTTGGGCT TTCTGGACTA3600
GCATTGTATG TTTTTGGGTT GCAGAAAAGT TTTAACACCA CCTCTTAGAA TATAAAAATT3660
TTCCAGTTGT CATGGAGGTC CACAGATTCA TTACCATGGG TTTATATGCC CAAAGCAACA3720
ACAGAGGACT TAAGTTCATT TTGTGATACT GTATGGATGT TACCCCATCC TATTCAGTTG3780
TCATTCCACC CAAACCCATG TGTAGGTTTC CACATGGAAA GGAGAAGGCA TCCATTCCAC3840
CTAGACATTG AATAGTGATA ATAAGCTAAA AGTGGGCAGA TTTTCAGTGG AGCAAGAGCA3900
GAAATATGCG GCCAAAGAAT GTTTCCTGAT TGGTTTTGCT GCTTTAGACT GCAGTGGGGA3960
GAGCTTATGT AGATTTTCAA AACTTTCTCC CTCTTTAAGG CATCATAATG CTCTCGGTTT4020
TGATAACAAC TGACATAAAG GGAGGTTGAC TTAAAATGGG AATTTCTCCT TCCAAAAATG4080
CTACACTCTT CCTATCCATC CTACAGCTTC TTTATGAAAT GAGAGGCCCT CCTGCTAGAA4140
TATGAAATGC AGAAGACCTC ATGACTTTCA GCTGATTTTT CAAAGATAAA GTGAACTGTT4200
CAGCTTCATA GAAATTCATG CGAGTGTGAC TGAACGTGTG TGCATACACA CTCGTGCACA4260
TTGGACTCAT TTGGGCAGTT TTAAAAGCTT CACACTAAAT CCAAAGCCTC GTCCTTTGGG4320
TCGTATGTAG TCGTTTGTAA AATCAATTTC TGGCTTCTGA GTCATCCTGG TCATATCTCT4380
AGCAATGTTT TTCTTGAAAT TCTGAAAATG ATTCACATAT GTGTGTACAT TTAATTCACT4440
TAGATGATCT GTAAACTTGG ATGGTATTTA TTCTAAATGG GGAAAACAAT TTTATATGGA4500
AAAATCTATG TAATTTATAA TGGTTTTGTT TTATATATTA TATTTTCATA TCTCTAGGGC4560
ACATCTATCC TCATCTTTTT GTATACCATA CTTAGCAAAA AGAAATACTA ATACTTGACT4620
AAAATCTCTA GGAACCAAAC GTGATACATG TGATATATAG CTTCTAGAAA TCGCTCTAAA4680
AATCTCTGAA TGTCTCATCC ATCCCAAGCA TTATTGTGCT GTGTCATTAT GTCCAGAATG4740
ATTTGTCTTG GATGCTTATG AGCATTTGTT TTTCACAACT AAGGTTGAAA GACCTGACAT4800
CTCACACAAT GGGGTTCTGG AATTCCCCTT TCCTCCTTTA TCTGTTTTTA TTGTTTGTTT4860
CATTTTTAAT TGCACCAGTC TATGTTGTCG AAACTTTGTT TTGAAGGGCA AATGTGAGAT4920
AACAAGAAAG CAATGTGATG GAAAGACTGG ATGAATTTAC CTATGGCTAT GTAAATTATT4980
TTAATGGACT GATAAGATGT TTCAAGTCTC ATGCTTGGAT CTTTATTTAT TGGTGATCTA5040
GGATCTGCTC AGCTCTTTAG CACATGAAGA AAATCAGGTA CAAAGGACAT TTGCATGTTT5100
GGAACAGCAT GCTCTAAGCC CCGTGCAGCC AACACAAATT AACTTGACTG TAGAAACACC5160
AATTCCAGCT GCTGGAAGAA ATGGTTTAGA AAGGCAAACC AGATACCTTT TATTCTGCCC5220
TAGGAAATAC AGTGTTGATC AGTGCTAAAA CTCTTCAGTG GCAGTCACTG TGGTTCTTTT5280
AACTGGGGAT TTCCTTTCAG TGTTTCATTT GGTACCAAAA CAGAACATTT ACCTTACATT5340
TCAGATACTC TGTTTTCTCA GCATTGTTCA GATACTTTCC TTTACCGCTC TTCACGTACC5400
CTTTTGGCAT TGAGTAATTC TATAAATGTT TCTATCCTTG GTTTTTAAAC CAAGTTATTC5460
ATACTCTTAA AATATCTACC AAATCTCATT GTATTTTCAC ATATTTTGAG CATCAAGATA5520
CTGGTCATTT TAAAAAATCC TTCAGTAAAT AGCACAGTTT ATTTTCCTAA TGACATTTTT5580
AGGGTTTCTT CATTGATCAA CCAGGTTTGG GTTACACAAA TCAATTGTGG GGGAAAAATC5640
AAATAAAACA ATTGCTTATT ATATTTTCCA AAGGACTGAG CATTTATCTT TTATTCACGA5700
AGATATCATA TGAGGATGAT AATGATCTTT AACAGATTTT TTAGAGATAG AATTTATAAA5760
GAGGCTGATA CTAAGAATAC TACAATCAAA ATTGAAGCTA GAGAATGTAA AAATAGAAAG5820
TAAATAGTTC TAAGAATATT CTGGCATAAA TTATTTTTAT TTAGCCAATA AAATAGCCTC5880
CAAATGTATA TCTCAGACAC CATAGAGCTG CTAACAATGA GAATCAAGGA AGATGCTTGC5940
ACTTAGATTT CGTTTGTTGT ATTTCAGTAG TTCTGGATGT CCTTTGTTAA AATTGGAAAA6000
TGGAAAAATG TCTCGACAGA AATGTCAATC TGGTGATTCT GTGAACTGTA AAATGTTCAC6060
TTTTAAAAAT AAAGTTGTAA ACAAGTTACT CATATAAGTT GGTATTACAG TAGCAAAAAC6120
AGAAAACCAT GTGATCCATC CTGTATTTTG ATTGATGCTT TAATAAAGGG TTTGCACAGC6180
TGTG 6184

Name: 265 Len: 4959 Check: 2395

GAGGTGGCGA CCTCACAGTC CTGATGGCCC TCGTTCTGCA GGCTGGCGGG AACACATGGA 60
ACGACGTCGG AGGTTTGAGT TTGATTTTCG AGATAGAGAT GATGAACGGG GTTACCGAAG 120
GGTTCGCTCT GGCAGTGGGA GCATAGATGA TGACAGGGAT AGCTTGCCCG AATGGTGCTT 180
AGAGGATGCT GAAGAAGAAA TGGGTACATT TGACTCATCT GGAGCATTCC TTTCTCTAAA 240
AAAAGTACAG AAAGAGCCTA TTCCAGAAGA GCAGGAGATG GACTTCCGGC CTGTGGACGA 300
AGGGGAGGAG TGCTCTGACT CTGAGGGTAG CCATAATGAA GAGGCCAAAG AACCCGATAA 360
GACAAATAAG AAAGAAGGAG AGAAAACAGA TAGAGTAGGA GTTGAAGCTA GTGAGGAAAC 420
TCCCCAGACC TCATCATCAT CTGCTAGACC AGGTACTCCT TCAGACCATC AGTCTCAGGA 480
AGCATCACAG TTTGAGAGGA AAGATGAACC AAAAACTGAG CAAACGGAAA AAGCTGAAGA 540
GGAGACTCGG ATGGAAAATA GTCTACCAGC CAAAGTGCCC AGCAGAGGGG ATGAAATGGT 600
TGCTGATGTC CAGCAGCCCC TGTCGCAGAT TCCTTCAGAT ACAGCCTCTC CTCTTCTCAT 660
ACTTCCACCT CCTGTTCCCA ATCCTAGTCC TACTCTCCGG CCAGTTGAAA CACCAGTTGT 720
AGGTGCTCCT GGTATGGGCA GTGTTTCCAC AGAACCTGAT GATGAAGAAG GTCTCAAACA 780
TTTGGAGCAG CAAGCTGAGA AAATGGTGGC TTATCTCCAA GACAGTGCAC TAGATGATGA 840
AAGATTGGCA TCAAAACTGC AAGAGCACAG AGCTAAAGGA GTGTCGATTC CATTGATGCA 900

TGAAGCAATG CAGAAGTGGT ATTACAAAGA TCCTCAGGGA GAAATTCAAG GTCCCTTCAA 960
TAATCAGGAG ATGGCAGAAT GGTTTCAGGC GGGCTATTTT ACTATGTCTT TATTGGTGAA1020
GAGAGCGTGT GATGAAAGCT TCCAACCTCT TGGCGATATC ATGAAAATGT GGGGAAGGGT1080
TCCCTTTTCT CCAGGTCCAG CTCCCCCTCC TCATATGGGA GAGCTGGACC AGGAACGACT1140
GACCAGGCAG CAAGAACTCA CAGCCTTATA CCAGATGCAG CACCTGCAGT ACCAGCAGTT1200
TTTAATACAA CAACAATATG CACAGGTTTT GGCCCAACAG CAGAAAGCAG CACTGTCTTC1260
CCAGCAGCAG CAGCAGTTGG CACTTCTTCT TCAACAGTTT CAGACCTTGA AGATGAGAAT1320
ATCTGATCAG AACATCATTC CCTCAGTAAC TAGGTCTGTG TCCGTGCCAG ATACTGGCTC1380
TATCTGGGAG CTTCAGCCAA CAGCTTCACA GCCTACAGTT TGGGAAGGTG GTAGTGTATG1440
GGATCTTCCT CTGGACACCA CGACACCAGG CCCTGCCCTG GAACAGCTTC AGCAGCTAGA1500
GAAGGCCAAA GCTGCAAAGC TAGAGCAAGA GAGAAGAGAG GCAGAAATGA GGGCAAAACG1560
GGAAGAGGAA GAGCGAAAGA GGCAGGAAGA ACTCCGAAGA CAACAGGAGG AAATTCTTCG1620
GCGACAGCAG GAAGAAGAAA GGAAAAGGCG AGAGGAAGAA GAACTTGCCC GAAGGAAACA1680
GGAAGAGGCT CTGCGTCGCC AGCGGGAGCA AGAAATTGCA TTAAGGCGAC AGCGAGAAGA1740
GGAAGAAAGA CAGCAGCAAG AAGAAGCTCT TAGAAGACTG GAAGAGAGGA GAAGAGAAGA1800
GGAAGAAAGG CGGAAGCAGG AAGAATTGTT ACGCAAACAG GAAGAGGAGG CTGCAAAATG1860
GGCCCGGGAA GAAGAAGAAG CCCAGCGTCG ATTAGAGGAG AACCGGCTGC GGATGGAAGA1920
GGAGGCAGCC AGACTCCGGC ATGAGGAAGA AGAACGGAAG AGAAAGGAGC TGGAGGTCCA1980
GCGGCAGAAG GAGTTAATGC GCCAGAGGCA GCAGCAGCAA GAGGCTCTCC GGAGGTTGCA2040
GCAGCAGCAG CAGCAACAAC AGCTGGCGCA GATGAAGCTT CCTTCTTCTT CAACGTGGGG2100
CCAGCAGTCC AATACAACAG CATGTCAGTC CCAGGCCACG CTGTCGTTGG CTGAAATCCA2160
AAAACTAGAG GAAGAACGAG AACGGCAGCT TCGAGAAGAG CAAAGGCGCC AGCAGAGGGA2220
GTTGATGAAA GCTCTTCAGC AGCAGCAGCA ACAGCAACAG CAGAAACTCT CAGGTTGGGG2280
GAATGTCAGC AAACCTTCAG GTACCACGAA ATCTCTTCTG GAGATCCAGC AGGAAGAGGC2340
CAGGCAAATG CAAAAGCAGC AGCAGCAGCA GCAGCAACAC CAGCAACCAA ACAGAGCTCG2400
TAACAATACG CATTCCAACC TGCACACCAG CATTGGGAAT TCTGTTTGGG GCTCTATAAA2460
TACTGGTCCT CCTAACCAGT GGGCATCTGA CCTAGTCAGT AGTATTTGGA GTAATGCTGA2520
CACTAAAAAC TCCAACATGG GATTCTGGGA TGATGCAGTG AAAGAGGTGG GACCTAGGAA2580
TTCAACAAAT AAAAATAAAA ACAACGCCAG TCTCAGTAAA TCTGTAGGTG TGTCTAACCG2640
GCAGAATAAG AAAGTAGAAG AAGAAGAAAA GTTGCTGAAG CTCTTTCAGG GAGTAAATAA2700
AGCCCAAGAT GGATTTACGC AGTGGTGTGA ACAGATGCTT CATGCCCTTA ATACGGCAAA2760
TAACTTGGAT GTTCCCACAT TTGTTTCTTT CCTGAAAGAA GTAGAATCTC CTTATGAGGT2820
CCATGATTAT ATCAGGGCCT ATTTAGGAGA TACTTCTGAG GCCAAGGAGT TTGCCAAGCA2880
GTTCCTTGAG CGCCGTGCCA AACAGAAAGC CAACCAGCAG CGTCAGCAGC AGCAGCTGCC2940
ACAGCAGCAG CAGCAGCAGC CGCCACAGCA GCCGCCACAG CAGCCACAAC AGCAGGACTC3000
TGTGTGGGGG ATGAACCACA GTACACTCCA TTCAGTATTT CAGACCAATC AAAGCAACAA3060
CCAACAATCC AATTTTGAGG CTGTGCAGAG TGGCAAGAAG AAGAAAAAGC AGAAGATGGT3120
CCGAGCAGAT CCCAGTTTAT TAGGATTTTC AGTCAATGCA TCATCGGAGC GACTCAACAT3180
GGGTGAAATC GAGACGTTGG ATGACTACTG AGCACCTGCC AGTGGACTGG CCATCCCTCT3240
CCTGTCTGCC GACTATGGAG TCTCCACCTT TGGACACAAC ACTTACTCAC CATTTACTCT3300
TTATCACTCT GCAACAAATC ACAGAACCGA TCATCTCAGG CTTTTTCTTC TGGCCCTTTG3360
TGTCCAAGAT TCTTTAATCC ATTTTTGTTG GTGAACATCT CAGACTATAG ATAAGTGGAC3420
TGGACCCTGT GTCTTGGGGG TGGCAGTTGG GATTACTCCC CAACAAGGCT GATTTTAGGC3480
AGCATGTGTT CACTGTGCTG TGATTTCATC TACTGTCTCC CAGAAAGTGT GTTGGGATCG3540
GCCATTAGCA GCTTGCTTTC TCTTGTCACT TTTTTTCTTC TATTTTGTTT TTTCTTCTTC3600
TTTTTCCCCC CATCAGGGCA AATGGTCTAA CTGGTGCAAT CATGAAGAGA GTTAATGGTT3660
AACAGACATT GGCCAATAAC AAAACACCCC ATGGACTGTG ACTCGAGTAT CCAACAGGCA3720
GTCAGAGCTC TCCCGGTCTG AAAGTTGCAT TGCCACTGCT AACTTTGGGA TTGCATCAGA3780
GAGGCCCTGA GTGGGGTTGA GATGAGGTTG GTTTGGTTTG ATGTTACACA CTCCTCACCT3840
GTTCTTTCTG AGTGTCCTTT CTCTGAAAGG ATTTATGTTT TTCTTCGTTA GATAGTGACT3900
TCTGAGCAAG CTGATCTCCC CTGGCATGCT CCAACCTGAT TGGACAAAGG AAGCTCTATG3960
GCCTGGGAGA GAGACTATTC TTAATTTTTC TTTCTTACAA AAACTGATTT TTCCCATAAA4020
TATTTTTACT TCAGAGGACT AGGACCATTT TGTTTTGGGC CCTTCTGCTG AAAATTTGTC4080
TCGTTTAAGA GGCAGCTAGA ATCTTTACCA TATGTATGAA TTTGTATAAT TTCATTTTTG4140
GATAGGGATA AACTTTTGCT TCTGATAAAA GCCTGGAATT TCATCTGGTC CTCAGAGCAT4200
TGCGTGTGTG TCTTGCTGTA GCCCGGAAAA GGTTTTGTGT AAAGATTCTG GGATGGCAAG4260
TTGTTTGCCT TTTCTGAAAA GAGAACATAC AGAACCTGTC CATCTTTAAG ACCTTCATCC4320
ATGGAATCTA CTATACAGGA GGATGCAGTG GGCTGGAGGG GATGGGCGAA AATGGGAGCA4380
GGAAGCCTGG CCTGGCTTCT GGTCATGGCC TCCTAAAACC TTAAACTTCA AGTAGAAATG4440
TACTCAAGCC CTATTTATAA ACAAATACTT TTCCTGCCTC CACCAAACCC CTACAGAACA4500
TCACCTGGAA TTGCCACTCA CACTGGGTTG GAGTCATTGG GCAGCTGTGC CTGTGCGAGA4560
GGTGCTGTGG TCTGGGCAGC CCCTGGAAAA GCACCTTTGC TGCCTGTCAT TGTTGCCTGA4620
AGAAGGCTGG AGTTGCTCTG AGAGCAGTTT GGGTTTGGAG TATTATATTT GGCTTCTATT4680

164

```
TTTATTATTT TGGATCACCA TTCTCCCTAT CCCTTCTTGC CTCCCTCCCT TCTAAACATG4740
TGTAATAACT ATACAGAGAC TGCTACAAAA TTGTATATAG TTTTTGGATC AAATAGCATG4800
AGGGGAGAGG AAACCATTAA AAGTTGGGGC TCCTACTCTC CTTTGCTTTG TAAATTCAAA4860
AGTTGGGGGT GGGTAAGAGG GATAGTTAAA ATGTTTACAA AACTTTAGGC TCCCTCGGAA4920
CTTTTGCCAG TGTGGAGGAA AATAAAAAAG AACTTAAAT                      4959
Name: 266                    Len:  5676  Check:     1D2F
GGATCCTTGA GGGCACTGGT GCGACTTTCA GGTGAGGTCT TAGCAGATGA AAGCGGCTGG  60
CTGTGGCCCG CGCCAGTAGT GCTTTCTGCT CCGCACTCGC CGTGAGCCAG GTGTGCAACC 120
GGATTTGGGG CGAGGGTCGC GCTGGCTACC TCGCATGCGC AGAGCCGGAA GCCCGCTGAC 180
CGGACTACAG CTCCCAGAAG AGCCTTGTGG AGGCCGCAGA CGCGAAGCCG CTGGCGCCAT 240
CTTGAAATCT GATCCTCCAT CCCCGAGGCT TTGCGTCTGC GCGGCCGGCC GCTGCTGCTC 300
CGGGAGCCCA GTCTGCTAAA AGGGGAGGAC GTTGAGGACG CGGCGGCTGG CGGGAGAGAC 360
AGCTGGGGAG AGACATGGCA GGGTCGGAGC GCGGCCTGCG CCTCTGTCAC TCAGCATCCT 420
CTTAGGCGTT TCCACGCCCG CCCCCTGCCC GAGGGGCGGG GCTGACGGCT CTGGTACCCG 480
GAGTCGGCGC GCGGGGCAGG GGCGCGCCCC TGCAGAGTGG GGACCCCACT GGGCTGTGCC 540
ATGCTGACCG GAGACCACCG AGGCGGGAGA CAGAGCGCGG CGAAGAGCCA TTGAGTGGTC 600
ACCCAGTAGC CGCCGCCGCC GCCGCCTCGG GAAGCTTGCC ACCCGCTAGG AGGGAAGATG 660
AAGGAGATTT GCAGGATCTG TGCCCGAGAG CTGTGTGGAA ACCAGCGGCG CTGGATCTTC 720
CACACGGCGT CCAAGCTCAA TCTCCAGGTT CTGCTTTCGC ACGTCTTGGG CAAGGATGTC 780
CCCCGCGATG GCAAAGCCGA GTTCGCTTGC AGCAAGTGTG CTTTCATGCT TGATCGAATC 840
TATCGATTCG ACACAGTTAT TGCCCGGATT GAAGCGCTTT CTATTGAGCG CTTGCAAAAG 900
CTGCTACTGG AGAAGGATCG CCTCAAGTTC TGCATTGCCA GTATGTATCG GAAGAATAAC 960
GATGACTCTG GCGCGGAGAT CAAGGCGGGG AATGGGACGG TTGACATGTC CGTCTTACCC1020
GATGCGAGAT ACTCTGCACT GCTCCAGGAG GACTTCGCCT ATTCAGGGTT TGAGTGCTGG1080
GTGGAGAATG AGGATCAGAT CCAGGAGCCA CACAGCTGCC ATGGTTCAGA AGGCCCTGGA1140
AACCGACCCA GGAGATGCCG TGGTTGTGCC GCTTTGCGGG TTGCTGATTC TGACTATGAA1200
GCCATTTGTA AGGTACCTCG AAAGGTGGCC AGAAGTATCT CCTGCGGCCC TTCTAGCAGG1260
TGGTCGACCA GCATTTGCAC TGAAGAACCA GCGTTGTCTG AGGTTGGGCC ACCCGACTTA1320
GCAAGCACAA AGGTACCCCC AGATGGAGAA AGCATGGAGG AAGAGACGCC TGGTTCCTCT1380
GTGGAATCTT TGGATGCAAG CGTCCAGGCT AGCCCTCCAC AACAGAAAGA TGAGGAGACT1440
GAGAGAAGTG CAAAGGAACT TGGAAAGTGT GACTGTTGTT CAGATGATCA GGCTCCGCAG1500
CATGGGTGTA ATCACAAGCT GGAATTAGCT CTTAGCATGA TTAAAGGTCT TGATTATAAG1560
CCCATCCAGA GCCCCCGAGG GAGCAGGCTT CCGATTCCAG TGAAATCCAG CCTACCTGGA1620
GCCAAGCCTG GCCCTAGCAT GACAGATGGA GTTAGTTCCG GTTTCCTTAA CAGGTCTTTG1680
AAACCCCTTT ACAAGACACC TGTGAGTTAT CCCTTGGAGC TTTCAGACCT GCAGGAGCTG1740
TGGGATGATC TCTGTGAAGA TTATTTGCCG CTCCGGGTCC AGCCCATGAC TGAAGAGTTG1800
CTGAAACAAC AAAAGCTGAA TTCACATGAG ACCACTATAA CTCAGCAGTC TGTATCTGAT1860
TCCCACTTGG CAGAACTCCA GGAAAAAATC CAGCAAACAG AGGCCACCAA CAAGATTCTT1920
CAAGAGAAAC TTAATGAAAT GAGCTATGAA CTAAAGTGTG CTCAGGAGTC GTCTCAAAAG1980
CAAGATGGTA CAATTCAGAA CCTCAAGGAA ACTCTGAAAA GCAGGGAACG TGAGACTGAG2040
GAGTTGTACC AGGTAATTGA AGGTCAAAAT GACACAATGG CAAAGCTTCG AGAAATGCTG2100
CACCAAAGCC AGCTTGGACA ACTTCACAGC TCAGAGGGTA CTTCTCCAGC TCAGCAACAG2160
GTAGCTCTGC TTGATCTTCA GAGTGCTTTA TTCTGCAGCC AACTTGAAAT ACAGAAGCTC2220
CAGAGGGTGG TACGACAGAA AGAGCGCCAA CTGGCTGATG CCAAACAATG TGTGCAATTT2280
GTAGAGGCTG CAGCACACGA GAGTGAACAG CAGAAAGAGG CTTCTTGGAA ACATAACCAG2340
GAATTGCGAA AAGCCTTGCA GCAGCTACAA GAAGAATTGC AGAATAAGAG CCAACAGCTT2400
CGTGCCTGGG AGGCTGAAAA ATACAATGAG ATTCGAACCC AGGAACAAAA CATCCAGCAC2460
CTAAACCATA GTCTGAGTCA CAAGGAGCAG TTGCTTCAGG AATTTCGGGA GCTCCTACAG2520
TATCGAGATA ACTCAGACAA AACCCTTGAA GCAAATGAAA TGTTGCTTGA GAAACTTCGC2580
CAGCGAATAC ATGATAAAGC TGTTGCTCTG GAGCGGGCTA TAGATGAAAA ATTCTCTGCT2640
CTAGAAGAGA AAGAAAAAGA ACTGCGCCAG CTTCGTCTTG CTGTGAGAGA GCGAGATCAT2700
GACTTAGAGA GACTGCGCGA TGTCCTCTCC TCCAATGAAG CTACTATGCA AAGTATGGAG2760
AGTCTCCTGA GGGCCAAAGG CCTGGAAGTG GAACAGTTAT CTACTACCTG TCAAAACCTC2820
CAGTGGCTGA AAGAAGAAAT GGAAACCAAA TTTAGCCGTT GGCAGAAGGA ACAAGAGAGT2880
ATCATTCAGC AGTTACAGAC GTCTCTTCAT GATAGGAACA AAGAAGTGGA GGATCTTAGT2940
GCAACACTGC TCTGCAAACT TGGACCAGGG CAGAGTGAGA TAGCAGAGGA GCTGTGCCAG3000
CGTCTACAGC GAAAGGAAAG GATGCTGCAG GACCTTCTAA GTGATCGAAA TAAACAAGTG3060
CTGGAACATG AAATGGAGAT TCAAGGCCTG CTTCAGTCTG TGAGCACCAG GGAGCAGGAA3120
AGCCAAGCTG CTGCAGAGAA GTTGGTGCAA GCCTTAATGG AAAGAAATTC AGAATTACAG3180
GCCCTGCGCC AATATTTAGG AGGGAGAGAC TCCCTGATGT CCCAAGCACC CATCTCTAAC3240
CAACAAGCTG AAGTTACCCC CACTGGCCGT CTTGGAAAAC AGACTGATCA AGGTTCAATG3300
CAGATACCTT CCAGAGATGA TAGCACTTCA TTGACTGCCA AAGAGGATGT CAGCATACCC3360
AGATCCACAT TAGGAGACTT GGACACAGTT GCAGGGCTGG AAAAAGAACT GAGTAATGCC3420
```

165

AAAGAGGAAC TTGAACTCAT GGCTAAAAAA GAAAGAGAAA GTCAGATGGA ACTTTCTGCT3480
CTACAGTCCA TGATGGCTGT GCAGGAAGAA GAGCTGCAGG TGCAGGCTGC TGATATGGAG3540
TCTCTGACCA GGAACATACA GATTAAAGAA GATCTCATAA AGGACCTGCA AATGCAACTG3600
GTTGATCCTG AAGACATACC AGCTATGGAA CGCCTGACCC AGGAAGTCTT ACTTCTTCGG3660
GAAAAAGTTG CTTCAGTAGA ATCCCAGGGT CAAGAAATTT CAGGAAACCG AAGACAACAG3720
TTGCTGCTGA TGCTAGAAGG ACTAGTAGAT GAACGGAGTC GGCTCAATGA GGCCTTACAA3780
GCAGAGAGAC AGCTCTATAG CAGTCTGGTG AAGTTCCATG CCCATCCAGA GAGCTCTGAG3840
AGAGACCGAA CTCTGCAGGT GGAACTGGAA GGGGCTCAGG TGTTACGCAG TCGGCTAGAA3900
GAAGTTCTTG GAAGAAGCTT GGAGCGCTTA AACAGGCTGG AGACCCTGGC CGCCATTGGA3960
GGTGCAGCTG CAGGGGATGA CACCGAAGAT ACAAGCACTG AGTTCACTGA CAGTATTGAG4020
GAGGAGGCTG CACACCATAG TCACCAGCAA CTATAGCTTC AGAAGCATTT TTACTTGCAA4080
GACGATGGAC ACATTCCCCT TGGGCTTTTT GTAACTGAAA CGCACCACAG AAGACAGGGA4140
GTCATCGAAG GGCTGCTCGG GGAGGTGGCA GGGCGGAGGA CCTGCTTGGG AAGAAACTCC4200
AAGAAGATTG GAATGCTTCC AAAGCAAGAA TCTTTCTCAG TGAAATCTCA TTATACAAAG4260
AGAACCTTAT GCAACCTGAC AAACCACTGA GGTCATGGTG ACTCAGTGAT CAGCAGATGG4320
TACTTCAACA GCAATCCCCT GTCAAACCTC AGAACTTGAG GCTGAAACAT TGCTTCCACC4380
CACCATCAGT GAAGATGTAA CTAGCATGTT ACAAGAGTGA ATAATCTGGA CTTCAGAGAT4440
TAAGTCACCA ATAGTGATCT CACAAGCACT CACCGGAACT CCTATAATGT CTCCACTTTG4500
TCCATGCCAT TTAGCAATCT CATCTCCTAA ATGGACTGTG CCTATGATTC TTAAGGAGAA4560
AGTGAATCAT TGGTAGATAT CCTGCACAAG CAGCTGGACT TTCCAGTAAT AGCTTTCTTG4620
GGGCTATTAG GAAAATTAAA CAAGAAATGA GGCTTTCTGG GTCTGCCTGT ATGTCTTCTG4680
CATAAGACAA AGAAGAGACA TCGAATCAAC CAATAAGAAG AGCCCAAATA AGCATCCTCA4740
AATCTTTTGG GATTTGGCAC TTGGGGACAT GAGTAGTTGT CTGGGATACG TCATATTCTC4800
AACAGTTTCT TTGTAGTAGT AGGATCACCT TCTTATAATA GGATCACCTT CTTGTTGCTA4860
TAGCTGTACC CGACCTTCCC TTCTCCCTTG AGTGCTTGCA TGAGCTCCAC TTTTCCTTTT4920
GCTTGAACAG CTTCTCCTGA GTCCTCCTTA CCGATGGTTG TGACTTTAAT TATATACATC4980
TCTGTCCCTC CAGACAGATC CCTCTGTCCT CACTCTCTGA TTTCATTGAG GATCTTGGGT5040
GAGAGAGAGG GACCTGCAGG ATGAACAAAT GTCTACTCTA AGACAGCTAG ATTGGGAGGT5100
TGGCTGGTCA CTGATGGTTA TAATGACTGT GGGACAGGAT TAACTTCAGA ATAAATGAAC5160
AGGAGACACA GATATGAAGA AAGTTTCTGA TTGATATGGT CTGAAGTACT CCTGGTATTG5220
CAAGTCATTT GCTCTAATTC TCAATTGTAG GCAAACTGAT TTGTAAATTT GCTTCTTCAG5280
CCTTCTTTCC TGTAGCCTAG CATGGAGAAT CTGACCAGAC CCCATTTTGA GAAGGTCAGC5340
CTACACTGGA ATGAACTTTT TACATTAGGG CATTTGTATT TCCCTCACAA TACTTGCCAC5400
ATTACTTGGC ATAGGAGAGA TGCTTAGTGT AATTATAAGT TAACAAGCCT TTGGATCAGG5460
GCTTGACTCA TGATAGACAA AGTATATGCC TGCTGGATGG AAGAATCTCT TGGGCGAGCA5520
CCATTTTTCT TTCCATCACC TTTCCTTGAA AATATATCTT CAGCTTTGGG TAGGAGGAAT5580
CTTGGTGTAT GAAATCATTG CAAATTTACT TCATCTTTTC TGGAGTTTGA AGTTGTGACT5640
CTCCTGCTAC CAATTAAATA AAGCTTACTT TGCCAT 5676

Name: 267 Len: 2483 Check: C86

TGGAGTTTGA CTATTCTGAG GACAAGAGTA GTTGGGACAA CCAGCAGGAA AACCCCCCTC 60
CTACCAAAAA GATAGGCAAA AAGCCAGTTG CCAAAATGCC CCTGAGGAGG CCAAAGATGA 120
AAAAGACACC CGAGAAACTT GACAACACTC CTGCCTCACC TCCCAGATCC CCTGCTGAAC 180
CCAATGACAT CCCCATTGCT AAAGGTACTT ACACCTTTGA TATTGACAAG TGGGATGACC 240
CCAATTTTAA CCCTTTTTCT TCCACCTCAA AAATGCAGGA GTCTCCCAAA CTGCCCCAAC 300
AATCATACAA CTTTGACCCA GACACCTGTG ATGAGTCCGT TGACCCCTTT AAGACATCCT 360
CTAAGACCCC CAGCTCACCT TCTAAATCCC CAGCCTCCTT TGAGATCCCA GCCAGTGCTA 420
TGGAAGCCAA TGGAGTGGAC GGGGATGGGC TAAACAAGCC CGCCAAGAAG AAGAAGACGC 480
CCCTAAAGAC TGACACATTT AGGGTGAAAA AGTCGCCAAA ACGGTCTCCT CTCTCTGATC 540
CACCTTCCCA GGACCCCACC CCAGCTGCTA CACCAGAAAC ACCACCAGTG ATCTCTGCGG 600
TGGTCCACGC CACAGATGAG GAAAAGCTGG CGGTCACCAA CCAGAAGTGG ACGTGCATGA 660
CAGTGGACCT AGAGGCTGAC AAACAGGACT ACCCGCAGCC CTCGGACCTG TCCACCTTTG 720
TAAACGAGAC CAAATTCAGT TCACCCACTG AGGAGTTGGA TTACAGAAAC TCCTATGAAA 780
TTGAATATAT GGAGAAAATT GGCTCCTCCT TACCTCAGGA CGACGATGCC CCGAAGAAGC 840
AGGCCTTGTA CCTTATGTTT GACACTTCTC AGGAGAGCCC TGTCAAGTCA TCTCCCGTCC 900
GCATGTCAGA GTCCCCGACG CCGTGTTCAG GGTCAAGTTT TGAAGAGACT GAAGCCCTTG 960
TGAACACTGC TGCGAAAAAC CAGCATCCTG TCCCACGAGG ACTGGCCCCT AACCAAGAGT1020
CACACTTGCA GGTGCCAGAG AAATCCTCCC AGAAGGAGCT GGAGGCCATG GGTTTGGGCA1080
CCCCTTCAGA AGCGATTGAA ATTACAGCTC CCGAGGGCTC CTTTGCCTCT GCTGACGCCC1140
TCCTCAGCAG GCTAGCTCAC CCCGTCTCTC TCTGTGGTGC ACTTGACTAT CTGGAGCCCG1200
ACTTAGCAGA AAAGAACCCC CCACTATTCG CTCAGAAACT CCAGAGAGAG GCTGTTCACC1260
CAACAGACGT CTCCATCTCC AAAACAGCCT TGTACTCCCG CATCGGGACC GCTGAGGTGG1320
AGAAACCTGC AGGCCTTCTG TTCCAGCAGC CCGACCTGGA CTCTGCCCTC CAGATCGCCA1380
GAGCAGAGAT CATAACCAAG GAGAGAGAGG TCTCAGAATG GAAAGATAAA TATGAAGAAA1440

166

GCAGGCGGGA AGTGATGGAA ATGAGGAAAA TAGTGGCCGA GTATGAGAAG ACCATCGCTC1500
AGATGATAGA GGACGAACAG AGAGAGAAGT CAGTCTCCCA CCAGACGGTG CAGCAGCTGG1560
TTCTGGAGAA GGAGCAAGCC CTGGCCGACC TGAACTCCGT GGAGAAGTCT CTGGCCGACC1620
TCTTCAGAAG ATATGAGAAG ATGAAGGAGG TCCTAGAAGG CTTCCGCAAG AATGAAGAGG1680
TGTTGAAGAG ATGTGCGCAG GAGTACCTGT CCCGGGTGAA GAAGGAGGAG CAGAGGTACC1740
AGGCCCTGAA GGTGCACGCG GAGGAGAAAC TGGACAGGGC CAATGCTGAG ATTGCTCAGG1800
TTCGAGGCAA GGCCCAGCAG GAGCAAGCCG CCCACCAGGC CAGCCTGCGG AAGGAGCAGC1860
TGCGAGTGGA CGCCCTGGAA AGGACGCTGG AGCAGAAGAA TAAAGAAATA GAAGAACTCA1920
CCAAGATTTG TGACGAACTG ATTGCCAAAA TGGGGAAAAG CTAACTCTGA ACCGAATGTT1980
TTGGACTTAA CTGTTGCGGC AATATGACCG TCGGCACACT GCTGTTCCTC CAGTTCCATG2040
GACAGGTTCT GTTTTCACTT TTTCGTATGC ACTACTGTAT TTCCTTTCTA AATAAAATTG2100
ATTTGATTGT ATGCAGTACT AAGGAGACTA TCAGAATTTC TTGCTATTGG TTTGCATTTT2160
CCTAGTATAA TTCATAGCAA GTTGACCTCA GAGTTCCTGT ATCAGGGAGA TTGTCTGATT2220
CTCTAATAAA AGACACATTG CTGACCTTGG CCTTGCCCTT TGTACACAAG TTCCCAGGGT2280
GAGCAGCTTT TGGATTTAAT ATGAACATGT ACAGCGTGCA TAGGGACTCT TGCCTTAAGG2340
AGTGTAAACT TGATCTGCAT TTGCTGATTT GTTTTTAAAA AAACAAGAAA TGCATGTTTC2400
AAATAAAATT CTCTATTGTA AATAAAATTT TTTCTTTGGA TCTTGAAAAA AAAAAAAAAA2460
AAAAAAAAAA AAAAAAAAAA AAA 2483

Name: 268 Len: 4143 Check: 23CF

GGCTGATGAC GACTGGTGGC CAATGCAGAT ACTAATTAAG TGCCCTAATC AAATTGTGAG 60
ACAGATGTTT CAGCGTTTGT GTATCCATGT GATTCAGAGG CTGAGACCTG TGCATGCTCA 120
TCTCTATTTG CAGCCAGGAA TGGAAGATGG GTCAGATGAT ATGGATACCT CAGTAGAAGA 180
TATTGGTGGT CGTTCATGTG TCACTCGCTT TGTGAGAACC CTGTTATTAA TTATGGAACA 240
TGGTGTAAAA CCTCACAGTA AACATCTTAC AGAGTATTTT GCCTTCCTTT ACGAATTTGC 300
AAAAATGGGT GAAGAAGAGA GCCAATTTTT GCTTTCATTG CAAGCTATAT CTACAATGGT 360
ACATTTTTAC ATGGGAACAA AAGGACCTGA AAATCCTCAA GTTGAAGTGT TATCAGAGGA 420
AGAAGGGGAA GAAGAAGAGG AGGAAGAAGA TATCCTCTCT CTGGCAGAAG AAAAATACAG 480
GCCAGCTGCC CTTGAAAAGA TGATAGCTTT AGTTGCTCTT TTGGTTGAAC AGTCTCGATC 540
AGAAAGGCAT TTGACATTAT CACAGACTGA CATGGCAGCA TTAACAGGAG GAAAGGGATT 600
TCCCTTCTTG TTTCAACATA TTCGTGATGG CATCAATATA AGACAAACTT GTAATCTGAT 660
TTTCAGCCTG TGTCGATACA ATAATCGACT TGCAGAACAT ATTGTATCTA TGCTTTTCAC 720
ATCAATAGCA AAGTTGACTC CTGAGGCAGC CAATCCTTTC TTTAAGTTGT TGACTATGCT 780
AATGGAGTTT GCTGGTGGAC CTCCAGGAAT GCCTCCCTTT GCATCTTATA TTCTGCAGAG 840
GATATGGGAG GTGATTGAAT ACAATCCTTC TCAGTGTCTA GATTGGTTGG CAGTGCAGAC 900
ACCCCGAAAT AAACTGGCAC ACAGCTGGGT CTTACAGAAT ATGGAAAACT GGGTCGAGCG 960
GTTTCTTTTG GCTCACAATT ATCCTAGAGT GAGGACTTCT GCAGCTTATC TTCTGGTGTC1020
CCTTATACCA AGCAATTCAT TCCGTCAGAT GTTCCGGTCA ACAAGGTCTT TGCACATCCC1080
AACCCGTGAC CTTCCACTCA GTCCAGACAC AACAGTAGTC CTACATCAGG TCTACAACGT1140
GCTCCTTGGT TTGCTCTCAA GAGCCAAACT TTATGTTGAT GCTGCTGTTC ATGGCACTAC1200
AAAGCTAGTG CCCTATTTTA GCTTTATGAC TTACTGTTTA ATTTCCAAAA CTGAGAAGCT1260
GATGTTTTCC ACATATTTCA TGGATTTGTG GAACCTTTTC CAGCCTAAAC TTTCTGAGCC1320
AGCAATAGCT ACAAATCACA ATAAACAGGC TTTGCTTTCA TTTTGGTACA ATGTCTGTGC1380
TGACTGTCCA GAGAATATCC GCCTTATTGT TCAGAACCCA GTGGTAACCA AGAACATTGC1440
CTTCAATTAC ATCCTTGCTG ACCATGATGA TCAGGATGTG GTGCTTTTTA ACCGTGGGAT1500
GCTGCCAGCG TACTATGGCA TTCTGAGGCT CTGCTGTGAG CAGTCTCCTG CATTCACACG1560
ACAACTGGCT TCTCACCAGA ACATCCAGTG GGCCTTTAAG AATCTTACAC CACATGCCAG1620
CCAATACCCT GGAGCAGTAG AAGAACTGTT TAACCTGATG CAGCTGTTTA TAGCTCAGAG1680
GCCAGATATG AGAGAAGAAG AATTAGAAGA TATTAAACAG TTCAAGAAAA CAACCATAAG1740
TTGTTACTTA CGTTGCTTAG ATGGCCGCTC CTGCTGGACT ACTTTAATAA GTGCCTTCAG1800
AATACTATTA GAATCTGATG AAGACAGACT TCTTGTTGTA TTTAATCGAG GATTGATTCT1860
AATGACAGAG TCTTTCAACA CTTTGCACAT GATGTATCAC GAAGCTACAG CTTGCCATGT1920
GACTGGAGAT TTAGTAGAAC TTCTGTCAAT ATTTCTTTCG GTTTTGAAGT CTACACGCCC1980
TTATCTTCAG AGAAAAGATG TGAAACAAGC ATTAATCCAG TGGCAGGAGC GAATTGAATT2040
TGCCCATAAA CTGTTAACTC TTCTTAATTC CTATAGTCCT CCAGAACTTA GAAATGCCTG2100
TATAGATGTC CTCAACGAAC TTGTACTTTT GAGTCCCCAT GATTTTCTTC ATACTCTGGT2160
TCCCTTTCTA CAACACAACC ATTGTACTTA CCATCACAGT AATATACCAA TGTCTCTTGG2220
ACCTTATTTC CCTTGTCGAG AAAATATCAA GCTAATAGGA GGGAAAAGCA ATATTCGGCC2280
TCCGCGCCCT GAACTCAATA TGTGCCTCTT GCCCACAATG GTGGAAACCA GTAAGGGCAA2340
AGATGACGTT TATGATCGTA TGCTGCTAGA CTACTTCTTT TCTTATCATC AGTTCATCCA2400
TCTATTATGC CGAGTTGCAA TCAACTGTGA AAAATTTACT GAAACATTAG TTAAGCTGAG2460
TGTCCTAGTT GCCTATGAAG GTTTGCCACT TCATCTTGCA CTGTTCCCCA AACTTTGGAC2520
TGAGCTATGC CAGACTCAGT CTGCTATGTC AAAAAACTGC ATCAAGCTTT TGTGTGAAGA2580
TCCTGTTTTC GCAGAATATA TTAAATGTAT CCTAATGGAT GAAAGAACTT TTTTAAACAA2640

167

CAACATTGTC TACACGTTCA TGACACATTT CCTTCTAAAG GTTCAAAGTC AAGTGTTTTC2700
TGAAGCAAAC TGTGCCAATT TGATCAGCAC TCTTATTACA AACTTGATAA GCCAGTATCA2760
GAACCTACAG TCTGATTTCT CCAACCGAGT TGAAATTTCC AAAGCAAGTG CTTCTTTAAA2820
TGGGGACCTG AGGGCACTCG CTTTGCTCCT GTCAGTACAC ACTCCCAAAC AGTTAAACCC2880
AGCTCTAATT CCAACTCTGC AAGAGCTTTT AAGCAAATGC AGGACTTGTC TGCAACAGAG2940
AAACTCACTC CAAGAGCAAG AAGCCAAAGA AAGAAAAACT AAAGATGATG AAGGAGCAAC3000
TCCCATTAAA AGGCGGCGTG TTAGCAGTGA TGAGGAGCAC ACTGTAGACA GCTGCATCAG3060
TGACATGAAA ACAGAAACCA GGGAGGTCCT GACCCCAACG AGCACTTCTG ACAATGAGAC3120
CAGAGACTCC TCAATTATTG ATCCAGGAAC TGAGCAAGAT CTTCCTTCCC CTGAAAATAG3180
TTCTGTTAAA GAATACCGAA TGGAAGTTCC ATCTTCGTTT TCAGAAGACA TGTCAAATAT3240
CAGGTCACAG CATGCAGAAG AACAGTCCAA CAATGGTAGA TATGACGATT GTAAAGAATT3300
TAAAGACCTC CACTGTTCCA AGGATTCTAC CCTAGCTGAG GAAGAATCTG AGTTCCCTTC3360
TACTTCTATC TCTGCAGTTC TGTCTGACTT AGCTGACTTG AGAAGCTGTG ATGGCCAAGC3420
TTTGCCCTCC CAGGACCCTG AGGTTGCTTT ATCTCTCAGT TGTGGCCATT CCAGAGGACT3480
CTTTAGTCAT ATGCAGCAAC ATGACATTTT AGATACCCTG TGTAGGACCA TTGAATCTAC3540
AATCCATGTC GTCACAAGGA TATCTGGCAA AGGAAACCAA GCTGCTTCTT GACATTAGGT3600
GTAGCATGTC TACTTTTAAG TCCCTCACCC CCAACCCCCA TGCTGTTTGT ATAAGTTTTG3660
CTTATTTGTT TTTGTGCTTC AGTTTGTCCA GTGCTCTCTG CTTGAATGGC AAGATAGATT3720
TATAGGCTTA ATTCTTGGTC AGGCAGAACT CCAGATGAAA AAAACTTGCA TCTTCAGTAT3780
ACTTCCTAAA GGGCAATCAG ATAATGGATA TGTTTTATGT AATTAAGAGT TCACTTTAGT3840
GGCTTTCATT TAATATGGCT GTCTGGGAAG AACAGGGTTG CCTAGCCCTG TACAATGTAA3900
TTTAAACTTA CAGCATTTTT ACTGTGTATG ATATGGTGTC CTCTGTGCCA GTTTTGTACC3960
TTATAGAGGC AGATTGCCTC CGATCGCTGT GGTTCTTATT ATCAAAATTA AGTTTACTTG4020
TATACGGAAC AACCACAAGA AATTTGATTC TGTAAAGAAT CCTCTTTAGC TGTGGCCTGG4080
CAGTATATAA ATGGTGCTTT ATTTAACAGA ATACCTGTGG AGGAAATAAA GCACACTTGA4140
TGT 4143

Name: 269 Len: 1605 Check: 1799

AATGCCGAGA GGATGGAGAG CATCCTGCAG GCACTGGAGG ATATTCAGCT GGATCTGGAG 60
GCAGTGAACA TCAAGGCAGG CAAAGCCTTC CTGCGTCTCA AGCGCAAGTT CATCCAGATG 120
CGAAGACCCT TCCTGGAGCG CAGAGACCTC ATCATCCAGC ATATCCCAGG CTTCTGGGTC 180
AAAGCATTCC TCAACCACCC CAGAATTTCA ATTTTGATCA ACCGACGTGA TGAAGACATT 240
TTCCGCTACT TGACCAATCT GCAGGTACAG GATCTCAGAC ATATCTCCAT GGGCTACAAA 300
ATGAAGCTGT ACTTCCAGAC TAACCCCTAC TTCACAAACA TGGTGATTGT CAAGGAGTTC 360
CAGCGCAACC GCTCAGGCCG GCTGGTGTCT CACTCAACCC CAATCCGCTG GCACCGGGGC 420
CAGGAACCCC AGGCCCGTCG TCACGGGAAC CAGGATGCGA GCCACAGCTT TTTCAGCTGG 480
TTCTCAAACC ATAGCCTCCC AGAGGCTGAC AGGATTGCTG AGATTATCAA GAATGATCTG 540
TGGGTTAACC CTCTACGCTA CTACCTGAGA GAAAGGGGCT CCAGGATAAA GAGAAAGAAG 600
CAAGAAATGA AGAAACGTAA AACCAGGGGC AGATGTGAGG TGGTGATCAT GGAAGACGCC 660
CCTGACTATT ATGCAGTGGA AGACATTTTC AGCGAGATCT CAGACATTGA TGAGACAATT 720
CATGACATCA AGATCTCTGA CTTCATGGAG ACCACCGACT ACTTCGAGAC CACTGACAAT 780
GAGATAACTG ACATCAATGA GAACATCTGC GACAGCGAGA ATCCTGACCA CAATGAGGTC 840
CCCAACAACG AGACCACTGA TAACAACGAG AGTGCTGATG ACCACGAAAC CACTGACAAC 900
AATGAGAGTG CAGATGACAA CAACGAGAAT CCTGAAGACA ATAACAAGAA CACTGATGAC 960
AACGAAGAGA ACCCTAACAA CAACGAGAAC ACTTACGGCA ACAACTTCTT CAAAGGTGGC1020
TTCTGGGGCA GCCATGGCAA CAACCAGGAC AGCAGCGACA GTGACAATGA AGCAGATGAG1080
GCCAGTGATG ATGAAGATAA TGATGGCAAC GAAGGTGACA ATGAGGGCAG TGATGATGAT1140
GGCAATGAAG GTGACAATGA AGGCAGCGAT GATGACGACA GAGACATTGA GTACTATGAG1200
AAAGGTATTG AAGACTTTGA CAGGGATCAG GCTGACTACG AGGACGTGAT AGAGATCATC1260
TCAGACGAAT CAGTGGAAGA AGAGGGCATT GAGGAAGGCA TCCAGCAAGA TGAGGACATC1320
TATGAGGAAG GAAACTATGA GGAGGAAGGA AGTGAAGATG TCTGGGAAGA AGGGGAAGAT1380
TCGGACGACT CTGACCTAGA GGATGTGCTT CAGGTCCCAA ACGGTTGGGC CAATCCGGGG1440
AAGAGGGGGA AAACCGGATA AGGGTTTTCC CCTTTTGGGG ATCACCTCTC TGTATCCCCC1500
ACCCACTATC CCATTTGCCC TCCTCCTCAG CTAGGGCCAC GCGGACCCAC ATTGCACTTC1560
TGGGGGGTGA CCGACTTCGT ACACGGGTTT AAAGTTTATT TTTTT 1605

Name: 27 Len: 421 Check: F84

AACGAAAAGA ATGGGAATGA CAGTAACAAA CAAGATTTCC CCACTGGATA TTGCGATGGG 60
ACTGCAGCAG TCTTATCTTT GAAATTCAGA AAGGAAACAA CTCTGTTCCA AACAGCTAAA120
TATGCAAGTC CAAAAAATGA AGGTATGTTT AACTGCCACA TTCACTCGAA GCCCATTCAT180
CTCCTTCAGC ATCCCAATGA AGTACACGAT CTGCTTAGCT AAATAAGGTG GCACACGCGC240
TGCACCGCTG ACATCACAGG ACAGTTGCCT ATAAAACTAG ACTTCTGACC GCAGGGCTCC300
AGCTTCACTT TCTCACAGGT CATCATCCTC ATCTNGGGAG AGCAGTCGTC TGGAGCAACC360
TCTAAAATCA TGCTCGTACT TGTGCTGGCC AAAGCTGGGG TCCATGACCA CNTCCAGGTG420
N 421

168

Name: 270 Len: 2488 Check: 1BC6

GGCCGGAACA GGCGTTTAGA GAAAATGGCA GACGATATTG ATATTGAAGC AATGCTTGAG 60
GCTCCTTACA AGAAGGATGA GAACAAGTTG AGCAGTGCCA ACGGCCATGA AGAACGTAGC 120
AAAAAGAGGA AAAAAAGCAA GAGCAGAAGT CGTAGTCATG AACGAAAGAG AAGCAAAAGT 180
AAGGAACGGA AGCGAAGTAG AGACAGAGAA AGGAAAAAGA GCAAAAGCCG TGAAAGAAAG 240
CGAAGTAGAA GCAAAGAGAG GCGACGGAGC CGCTCAAGAA GTCGAGATCG AAGATTTAGA 300
GGCCGCTACA GAAGTCCTTA CTCCGGACCA AAATTTAACA GTGCCATCCG AGGAAAGATT 360
GGGTTGCCTC ATAGCATCAA ATTAAGCAGA CGACGTTCCC GAAGCAAAAG TCCATTCAGA 420
AAAGACAAGA GCCCTGTGAG AGAACCTATT GATAATTTAA CTCCTGAGGA AAGAGATGCA 480
AGGACAGTCT TCTGTATGCA GCTGGCGGCA AGAATTCGAC CAAGGGATTT GGAAGAGTTT 540
TTCTCTACAG TAGGAAAGGT TCGAGATGTG AGGATGATTT CTGACAGAAA TTCAAGACGT 600
TCCAAAGGAA TTGCTTATGT GGAGTTCGTC GATGTTAGCT CAGTGCCTCT AGCAATAGGA 660
TTAACTGGCC AACGAGTTTT AGGCGTGCCA ATCATAGTAC AGGCATCACA GGCAGAAAAA 720
AACAGAGCTG CAGCAATGGC AAACAATTTA CAAAAGGGAA GTGCTGGACC TATGAGGCTT 780
TATGTGGGCT CATTACACTT CAACATAACT GAAGATATGC TTCGTGGGAT CTTTGAGCCT 840
TTTGGAAGAA TTGAAAGTAT CCAGCTGATG ATGGACAGTG AAACTGGTCG ATCCAAGGGA 900
TATGGATTTA TTACATTTTC TGACTCAGAA TGTGCCAAAA AGGCTTTGGA ACAACTTAAT 960
GGATTTGAAC TAGCAGGAAG ACCAATGAAA GTTGGTCATG TTACTGAACG TACTGATGCT1020
TCGAGTGCTA GTTCATTTTT GGACAGTGAT GAACTGGAAA GGACTGGAAT TGATTTGGGA1080
ACAACTGGTC GTCTTCAGTT AATGGCAAGA CTTGCAGAGG GTACAGGTTT GCAGATTCCG1140
CCAGCAGCAC AGCAAGCTCT ACAGATGAGT GGCTCTTTGG CATTTGGTGC TGTGGCAGAA1200
TTCTCTTTTG TTATAGATTT GCAAACAAGA CTTTCCCAGC AGACTGAAGC TTCAGCTTTA1260
GCTGCAGCTG CCTCTGTTCA GCCACTTGCA ACACAATGTT TCCAACTCTC TAACATGTTT1320
AACCCTCAAA CAGAAGAAGA AGTTGGATGG GATACCGAGA TTAAGGATGA TGTGATTGAA1380
GAATGTAATA AACATGGAGG AGTTATTCAT ATTTATGTTG ACAAAAATTC AGCTCAGGGC1440
AATGTGTATG TGAAGTGCCC ATCAATTGCT GCAGCTATTG CTGCTGTCAA TGCATTGCAT1500
GGCAGGTGGT TTGCTGGTAA AATGATAACA GCAGCATATG TACCTCTTCC AACTTACCAC1560
AACCTGTTTC CTGATTCTAT GACAGCAACA CAGCTACTGG TTCCAAGTAG ACGATGAAGG1620
AAGATATAGT CCCTTATGTA TATAGCTTTT TTTCTTTCTT GAGAATTCAT CTTGAGTTAT1680
CTTTTATTTA GATAAAAATA AAGAGGCAAG GATCTACTGT CATTTGTATG CAATTTCCTG1740
TTACCTTGAA AAAATAAAAA TGTTAACAGG AATGCAGTGT GCTCATTCTC CCTAAATAGT1800
AAATCCCACT GTATACAAAA CTGTTCTCTT GTTCTGCCTT TTAAAATGTT CATGTAGAAA1860
ATTAATGAAC TATAGGAATA GCTCTAGGAG AACAAATGTG CTTTCTGTAA AAAGGCAGAC1920
CAGGGATGTA ATGTTTTTAA TGTTTCAGAA GCCTAACTTT TTACACAGTG GTTACATTTC1980
ACATTTCACT AATGTTGATA TTTGGCTGAT GGTTGAGCAG TTTCTGAAAT ACACATTTAG2040
TGTATGGAAA TACAAGACAG CTAAAGGGCT GTTTGGTTAG CATCTCATCT TGCATTCTGA2100
TCAATTGGCA AGAAAGGGAG ATTTCAAAAT TATATTTCTT GATGGTATCT TTTCAATTAA2160
TGTATCTGTA AAAGTTTCTT TGTAAATACT ATGTGTTCTG GTGTGTCTTA AAATTCCAAA2220
CAAAATGATC CCTGCATTTC CTGAAGATGT TTAAACGTGA GAGTCTGGTA GGCAAAGCAG2280
TCTGAGAAAG AAATAGGAAA TGCAGAAATA GGTTTTGTCT GGTTGCATAT AATCTTTGCT2340
CTTTTTAAGC TCTGTGAGCT CTGAAATATA TTTTTGGGTT ACTTCAGTGT GTTTGACAAG2400
ACAGCTTGAT ATTTCTATCA AACAAATGAC TTTCATATTG CAACAATCTT TGTAAGAACC2460
ACTCAAATAA AAGTCTCTTA AAAAGGCC 2488

Name: 271 Len: 1769 Check: 15BD

GCTTTCACCC ATTAGCATTA CTTACGTAGA TAATTCTTTA TGCCTAGTTA TTATACATAT 60
TAATTTTTAA GGTATACATT TAAATTACAC AATTGTTCAT TGTGGTTTGT ATCCCAGAAT 120
GTGTTGTGTT TTTTAAAAGA TGCATAATAG CTGAATGTAT GCATGACTTT GAAAGAAGTT 180
AAAATGGTGA TTTTTTTTCA CCTCTTGTAC ATTTTAAAAC CAGGCCAAAT CTATTTGCCA 240
AGCAGTGTAT CACTAATAAG AAAAGCAGTT TTTCCTTTTA TTGCAGTTTT TGTTTATCTG 300
CCATAGAATT TCCTTATACT GTGGCTTGGT ATTATTCAAG ATTAGCTATT TCGCTGGTAT 360
TACATCTTTT TAAAAGCCTA TTATAACATG GTTAGCCTAT AAGGCAGTGT TGGTCCCCTT 420
CTAATATTGG CCTCATAAAG GGGTTCCACT GTACTTTCCG CATATTACTG TGTTGTTGTT 480
TTCCTTTGTG GATATATAAG CAAATTGAGC TTGGGTGATT TTTATGGAGA CAATAATTAG 540
ACAATACTGT ATAATTAGTT TTACTTAATA GATTATCATC TTGTGAGAAG AGATGTTTAA 600
ACGTGGTAAA TCACTTCATA TTACAAAACA GTTTTACACT TAATATGTTA ACATTGGGTG 660
CAATAATTTA GTAGCATTAG CTTTAGTTAC AAATATAACT GGATCTTTCT GCTGACAACT 720
TAGGTTGTAT GAGTTATGCT TAAAAGCTTT AAATCTGATG TTTCCTGTAC CTGCCACACT 780
ATGTTAGAAT GTGTCCTTCA AACATATCCT CCTGCAACTT CTCAAACTGT ACTAAATTGA 840
TATTTCTTGA AGTCTAACTC TGTGCTAACA GATCTCCATT TTAAATAGAA TACGGTTTTA 900
ATTTTTGATA AGCTGCTGAA TTTTAAAGAG AGTTTTTTGG GGCCACCAAA TATTTTGGAT 960
CATGCAGAGA ATATATATTG TACTGTAGTA ATTTTGTATT TACATTTGTA TGATGTGACA1020
TAATAGATGT GAATGTTAAT CACTGCTTGA CTATGTTAAT AAAGTTGTTT AACTATAAAA1080
AAAAAAAAAA ACCCACGCGT CCTTCAGATC AATCCATCTA TGCAAATTTA TGGGGAAAAA1140

169

TTGTTTTTTA AATTAAATTT CCAATACCCA AGCCCTAAAA TTGATGGATG TGACCCCAGG1200
TGTTCCCCTT ACCTCTTGGC CCCCCAAAAC AGGGACAGAC ATAGATGGTG GGCTGGAACA1260
CCCCTCACCT CCTGTATTCC CAGAAAGCCT CGCGTTGAGG TGTGTTGGCC AGCTCCCTAG1320
TTTGTGCTTA CTATACCTGG CCACGCCTCC CTACCTAAGG CCGCTGGCTT AACCCTAGGG1380
GCAGGCAGTG TTAGATCAGA CCCAGACCTT CTCATCCCAC CCTCATCACA TCGGGGAGAG1440
GGGACTCCAG GGGCGGGAAG GCAGGCGTCC CTCCATTTGG CCAGGGTGGG CGGCGAGGAG1500
GGGGTCACTC TGCAGGAACA CTGAGCTCTG AACACCTCTC GCCTGCTGCC TGCCTCACAC1560
CCTCTGCATT CGCTGTTTCC TCTGTTGGGG GAGGGGGTTT GTGAGGGGAA TATTAGATTA1620
CACCTTGTCA TTTGGAAAGC CCCGTGTCTC CGGCGGCCAC AGCGAGGTTG GGGGGGTGGT1680
GAGGGAAGTC CATGGATTGG CCAGAACTGG GGGAAAAACA AAAAGAAATG AGAGAAAGAG1740
AGAGCGGGTA CCAAAAAAAA AAAAAAAAA 1769

Name: 272 Len: 5541 Check: 3F4

GTCCAGAGTG GCAGTAAAGG AGGAAGATGG CGGGGTGCAG GGGGTCTCTG TGCTGCTGCT 60
GCAGGTGGTG CTGCTGCTGC GGTGAGCGTG AGACCCGCAC CCCCGAGGAG CTGACCATCC 120
TTGGAGAAAC ACAGGAGGAG GAGGATGAGA TTCTTCCAAG GAAAGACTAT GAGAGTTTGG 180
ATTATGATCG CTGTATCAAT GACCCTTACC TGGAAGTTTT GGAGACCATG GATAATAAGA 240
AAGGTCGAAG ATATGAGGCG GTGAAGTGGA TGGTGGTGTT TGCCATTGGA GTCTGCACTG 300
GCCTGGTGGG TCTCTTTGTG GACTTTTTTG TGCGACTCTT CACCCAACTC AAGTTCGGAG 360
TGGTACAGAC ATCGGTGGAG GAGTGCAGCC AGAAAGGCTG CCTCGCTCTG TCTCTCCTTG 420
AACTCCTGGG TTTTAACCTC ACCTTTGTCT TCCTGGCAAG CCTCCTTGTT CTCATTGAGC 480
CGGTGGCAGC AGGTTCCGGG ATACCCGAGG TCAAATGCTA TCTGAATGGC GTAAAGGTGC 540
CAGGAATCGT CCGTCTCCGG ACCCTGCTCT GCAAGGTCCT TGGAGTGCTG TTCAGTGTGG 600
CTGGAGGGCT CTTCGTGGGG AAGGAAGGCC CCATGATCCA CAGTGGTTCG GTGGTGGGAG 660
CTGGCCTCCC TCAGTTTCAG AGCATCTCCT TACGGAAGAT CCAGTTTAAC TTCCCCTATT 720
TCCGAAGCGA CAGAGACAAG AGAGACTTTG TATCAGCAGG AGCGGCTGCT GGAGTTGCTG 780
CAGCTTTCGG GGCGCCAATC GGGGGTACCT TGTTCAGTCT AGAGGAGGGT TCGTCCTTCT 840
GGAACCAAGG GCTCACGTGG AAAGTGCTCT TTTGTTCCAT GTCTGCCACC TTCACCCTCA 900
ACTTCTTCCG TTCTGGGATT CAGTTTGGAA GCTGGGGTTC CTTCCAGCTC CCTGGATTGC 960
TGAACTTTGG CGAGTTTAAG TGCTCTGACT CTGATAAAAA ATGTCATCTC TGGACAGCTA1020
TGGATTTGGG TTTCTTCGTC GTGATGGGGG TCATTGGGGG CCTCCTGGGA GCCACATTCA1080
ACTGTCTGAA CAAGAGGCTT GCAAAGTACC GTATGCGAAA CGTGCACCCG AAACCTAAGC1140
TCGTCAGAGT CTTAGAGAGC CTCCTTGTGT CTCTGGTAAC CACCGTGGTG GTGTTTGTGG1200
CCTCGATGGT GTTAGGAGAA TGCCGACAGA TGTCCTCTTC GAGTCAAATC GGTAATGACT1260
CATTCCAGCT CCAGGTCACA GAAGATGTGA ATTCAAGTAT CAAGACATTT TTTTGTCCCA1320
ATGATACCTA CAATGACATG GCCACACTCT TCTTCAACCC GCAGGAGTCT GCCATCCTCC1380
AGCTCTTCCA CCAGGATGGT ACTTTCAGCC CCGTCACTCT GGCCTTGTTC TTCGTTCTCT1440
ATTTCTTGCT TGCATGTTGG ACTTACGGCA TTTCTGTTCC AAGTGGCCTT TTTGTGCCTT1500
CTCTGCTGTG TGGAGCTGCT TTTGGACGTT TAGTTGCCAA TGTCCTAAAA AGCTACATTG1560
GATTGGGCCA CATCTATTCG GGGACCTTTG CCCTGATTGG TGCAGCGGCT TTCTTGGGCG1620
GGGTGGTCCG CATGACCATC AGCCTCACGG TCATCCTGAT CGAGTCCACC AATGAGATCA1680
CCTACGGGCT CCCCATCATG GTCACACTGA TGGTGGCCAA ATGGACAGGG GACTTTTTCA1740
ATAAGGGCAT TTATGATATC CACGTGGGCC TGCGAGGCGT GCCGCTTCTG GAATGGGAGA1800
CAGAGGTGGA AATGGACAAG CTGAGAGCCA GCGACATCAT GGAGCCCAAC CTGACCTACG1860
TCTACCCGCA CACCCGCATC CAGTCTCTGG TGAGCATCCT GCGCACCACG GTCCACCATG1920
CCTTCCCGGT GGTCACAGAG AACCGCGGTA ACGAGAAGGA GTTCATGAAG GGCAACCAGC1980
TCATCAGCAA CAACATCAAG TTCAAGAAAT CCAGCATCCT CACCCGGGCT GGCGAGCAGC2040
GCAAACGGAG CCAGTCCATG AAGTCCTACC CATCCAGCGA GCTACGGAAC ATGTGTGATG2100
AGCACATCGC CTCTGAGGAG CCAGCCGAGA AGGAGGACCT CCTGCAGCAG ATGCTGGAAA2160
GGAGATACAC TCCCTACCCC AACCTATACC CTGACCAGTC CCCAAGTGAA GACTGGACCA2220
TGGAGGAGCG GTTCCGCCCT CTGACCTTCC ACGGCCTGAT CCTTCGGTCG CAGCTTGTCA2280
CCCTGCTTGT CCGAGGAGTT TGTTACTCTG AAAGCCAGTC GAGCGCCAGC CAGCCGCGCC2340
TCTCCTATGC CGAGATGGCC GAGGACTACC CGCGGTACCC CGACATCCAC GACCTGGACC2400
TGACGCTGCT CAACCCGCGC ATGATCGTGG ATGTCACCCC ATACATGAAC CCTTCGCCTT2460
TCACCGTCTC GCCCAACACC CACGTCTCCC AAGTCTTCAA CCTGTTCAGA ACGATGGGCC2520
TGCGCCACCT GCCCGTGGTG AACGCTGTGG GAGAGATCGT GGGGATCATC ACACGGCACA2580
ACCTCACCTA TGAATTTCTG CAGGCCCGGC TGAGGCAGCA CTACCAGACC ATCTGACAGC2640
CCAGCCCACC CTCTCCTGGT GCTGCCTGGG GAGGCAAATC ATGCTCACTC CGGCGGGCAC2700
AGCTGGCTGG GGCTGTTCCG GGGCATGGAA GATTCCCAGT TACCCACTCA CTCAGAAAGC2760
CGGGAGTCAT CGGACACCTT GCTGGTCAGA GGCCCTGGGG GTGGTTTTGA ACCATCAGAG2820
CTTGGACTTT TCTGACTTCC CCAGCAAGGA TCTTCCCACT TCCTGCTCCC TGTGTTCCCA2880
CCCTCCAGTG TTGGCACAGG CCCACCCCTG GCTCCACCAG AGCCAGAAGC AGAGGTAGAA2940
TCAGGCGGGC CCCGGGCTGC ACTCCGAGCA GTGTTCCTGG CCATCTTTGC TACTTTCCTA3000
GAGAACCCGG CTGTTGCCTT AAATGTGTGA GAGGGACTTG GCCAAGGCAA AAGCTGGGGA3060

170

GATGCCAGTG ACAACATACA GTTCATGACT AGGTTTAGGA ATTGGGCACT GAGAAAATTC3120
TCAATATTTC AGAGAGTCCT TCCCTTATTT GGGACTCCTA ACACGGTATC CTCGCTAGTT3180
TGTTTTAAGG GAAACACTCT GCTCCTGGGT GTGAGCAGAG GCTCTGGTCT TGCCCTGTGG3240
TTTGACTCTC CTTAGAACCA CCGCCCACCA GAAACATAAA GGATTAAAAT CACACTAATA3300
ACCCCTGGAT GGTCAATCTG ATAATAGGAT CAGATTTACG TCTACCCTAA TTCTTAACAT3360
TGCAGCTTTC TCTCCATCTG CAGATTATTC CCAGTCTCCC AGTAACACGT TTCTACCCAG3420
ATCCTTTTTC ATTTCCTTAA GTTTTGATCT CCGTCTTCCT GATGAAGCAG GCAGAGCTCA3480
GAGGATCTTG GCATCACCCA CCAAAGTTAG CTGAAAGCAG GGCACTCCTG GATAAAGCAG3540
CTTCACTCAA CTCTGGGGAA TGCTACCATT TTTTTTCCAA AGTAGAAAGG AAGCACTTCT3600
GAGCCAGTGA CCACTGAAAG GTATGTGCTA TGATAAAGCA GATGGCCTAT TTGAGGAAGA3660
GGGTGTCTGC CCTTCACAAA CACCTCTCTC TCCCCTGCAC TAGCTGTCCC AAGCTTACAT3720
ACAGAGGCCC TTCAGGAGGG CCTCCTGTGC CGCAGGGAGG GTGCGTGGGG AAGATGCTTC3780
CTGCCAGCAC GTGCCTGAAG GTTTCACATG AAGCATGGGA AGCGCACCCT GTCGTTCAGT3840
GACGTCATTC TTCTCCAGGC TGGCCCGCCC CCTCTGACTA GGCACCCAAA GTGAGCATCT3900
GGGCATTGGG CATTCATGCT TATCTTCCCC CACCTTCTAC ATGGTATCAG TCCCAGCAGG3960
CATCCCTGGG GCAGACGTGC TTTGGCTCAA GATGGCCTTC ATTTACGTTT AGTTTTTTTT4020
AAAACCGTGG AGGTTGCCCA CGGGCCTCGG CACCTGGCCC TGGCAGCACA GCTCTCAGGC4080
CCAGCCCTGG GCGACCTCCT TGGCCAAGTC TGCCTTTCAC CCTGGGGTGA GCATCAGTCC4140
TGGCTCTGCT GGTCCAGATC TTGCGCTCAG CACACTCTAG GGAATAATTC CACTCCAGAG4200
ATGGGGCTGC TTCAAGGTCT TTTCTAGCTG ATTGTGGCCC CTCCATTTTC CCCATTTTCT4260
TATCTCCCTG ACCAAAATTG CTTTGACTTC TAAATGTTTC TGCTTCCCAG AATGCACCTG4320
ACTTATGAAA TGGGGATAAT ACTCCCAGGA AATAGCGCAG GACATCACAA GGACCAAAAA4380
GGCAATTCTT ATTTAAATGT TACTATTTGG CCAGCTGCTG CTGTGTTTTA TGGCAGTGTT4440
CAGAGCTTGA TCACGTTATT TCTTCCTTTT ATTAAGAAGG AAGCCAATTG TCCAAGTCAG4500
GAGAATGGTG TGATCACCTG TCACAGACAC TTTGTCCCCT CTCCCCGCCC CTTCCTGGAG4560
CTGGCAGAGC TAACGCCCTG CAGGAGGACC CCGGCCTCTC GAGGGCTGGA TCAGCAGCCG4620
CCTGCCCTGA GGCTGCCCCG GTGAATGTTA TTGGAATTCA TCCCTCGTGC ACATCCTGTT4680
GTGTTTAAGT CACCAGATAT TTTGTTCCCA TCAGTTTAGC CCAGAGATAG ACAGTAGAAT4740
GCAAATACCT CCCTCCCCTA AACTGACTGG ACGGCTGCCA AGGAGGCCCC AAACCCAGGC4800
CCCATGCAAA GGCACGTGGT TTCCTTTTCT CCTCTCTCTG CATCTGCGCT TTCCAGATAA4860
GCCCAAAGAC AGCAACTTCT CCACTCATGA CAAATCAACT GTGACCCTCG CTCCTTCCAT4920
TTCTGTCCAT TAGAAACCAG CCTTTTCAGC ATCTCACCCA TTAGCAGCCC CATCACCCAG4980
TGATCAGTCG CCTCAGTAAA GCAGATCTGT GGATGGGGAG CCTACGGGTG GTAAGAAGTG5040
GTGTTTTGTG TTTCATCTCC AGCTTGGTGT TCCATGGCCC CTAGGCGAGG TGATTTGCTC5160
GTGGGGCCAA TGGGCCCCCG GCCCTGGCTT TGGGACCTTG TGCTGAGGGA CCCAGTCCAC5220
CTGACCTTGA TTAACTTAAC AGTTCCCAGC TGGAAGGGAC ACTTTCAGGA CCCAGTCCAC5220
TGTATGGCAT TTGTGATGCA GAATTATGCA CTGACATGAC CCTGGGTGAC AGGAAAGCCT5280
TTCGAGAGGC CCAAGGTGGC CTCGCCAGCC CTGCAGTATT GATGTGCAGT ATTGCACCAC5340
AGCTCTGCGG ACCTTGGCCA TTGCCGCAGT CGCAGCTTCC TTTTTTCTGT TTGCACTGTT5400
TGTTTGTATG ATGTTAGCTA ATTCCACTGT GTATATAAAT TGTATTTTTT TTAATTTGTA5460
AAATGCTATT TTTATTTGAA CCTTTGGAAC TTGGGAGTTC TCATTGTAAC CCTAACATGT5520
GAGAATAAAA TGTCTTCTGT C 5541

Name: 273 Len: 5047 Check: 2510

CCGTTGCTGT CGCCGTTGCT GTCGGGGGCG CTGTGCGCTG AGGAAGGCGC GGGCGAGCCG 60
GAGCAGAAGA AGGAGGGAGG GAGCCAGCCG CTGCAGCCAC CACCGCCACC ATGTCCTACC 120
AAGGCAAGAA GAACATCCCG CGGATCACGA GTGACCGTCT CCTTATCAAG GGAGGCAGAA 180
TCGTCAATGA TGATCAGTCC TTTTATGCTG ATATTTACAT GGAAGATGGC TTAATAAAAC 240
AAATTGGAGA CAATCTGATT GTTCCTGGAG GAGTGAAGAC CATTGAAGCC AATGGGAAGA 300
TGGTGATCCC TGGAGGCATC GATGTCCATA CTCACTTCCA GATGCCATAT AAGGGAATGA 360
CCACAGTAGA TGACTTCTTC CAAGGGACAA AGGCGGCCTT AGCAGGTGGC ACCACCATGA 420
TCATTGACCA TGTGGTGCCT GAGCCTGAGT CCAGCCTGAC TGAGGCCTAT GAGAAATGGA 480
GAGAGTGGGC TGATGGGAAG AGTTGCTGTG ACTATGCCCT GCATGTGGAC ATCACCCACT 540
GGAATGACAG CGTCAAGCAG GAAGTGCAGA ACCTCATCAA GGACAAAGGG GTTAACTCCT 600
TCATGGTTTA TATGGCTTAT AAGGATTTGT ATCAAGTATC TAACACAGAG CTCTATGAGA 660
TCTTCACCTG CCTGGGAGAG CTGGGGGCCA TTGCTCAAGT TCATGCTGAG AATGGGGATA 720
TCATTGCCCA GGAGCAAACC CGCATGTTGG AAATGGGGAT AACTGGCCCA GAAGGCCATG 780
TACTGAGCAG GCCAGAAGAG CTGGAAGCTG AGGCTGTGTT CCGTGCCATC ACCATTGCCA 840
GCCAAACCAA TTGCCCTCTC TACGTCACAA AGGTCATGAG CAAGAGTGCA GCTGACCTCA 900
TCTCACAAGC CAGGAAAAAA GGAAATGTAG TCTTTGGTGA GCCCATCACT GCCAGCCTCG 960
GCATAGATGG AACCCATTAT TGGAGCAAGA ACTGGGCCAA GGCGGCTGCA TTTGTGACAT1020
CCCCACCCCT GAGCCCTGAC CCAACTACTC CGGACTACAT CAACTCCTTG CTGGCCAGCG1080
GGGATCTGCA GCTATCTGGG AGTGCCCACT GCACCTTCAG CACTGCCCAG AAAGCAATTG1140
GGAAGGACAA CTTCACAGCC ATTCCTGAGG GCACCAATGG TGTGGAGGAG CGGATGTCTG1200

171

TCATCTGGGA CAAGGCTGTG GCCACAGGGA AAATGGACGA AAACCAGTTC GTGGCTGTGA1260
CAAGCACAAA CGCTGCCAAG ATCTTCAACC TGTATCCCCG CAAGGGAAGA ATATCTGTGG1320
GTTCTGACAG CGACCTCGTC ATCTGGGATC CAGATGCTGT GAAGATCGTC TCTGCCAAGA1380
ACCACCAGTC TGCGGCAGAG TACAACATCT TTGAAGGGAT GGAGCTGCGC GGGGCTCCTC1440
TGGTTGTCAT CTGCCAGGGC AAGATCATGC TGGAAGATGG CAACCTGCAC GTGACCCAGG1500
GGGCTGGCCG CTTCATACCC TGCAGCCCGT TCTCCGACTA TGTCTACAAG CGCATTAAAG1560
CACGGAGGAA GATGGCAGAC CTGCATGCCG TCCCAAGGGG CATGTACGAT GGGCCTGTGT1620
TTGACCTGAC CACCACCCCC AAAGGTGGCA CCCCCGCAGG CTCTGCTCGG GGCTCTCCTA1680
CTCGGCCGAA CCCACCTGTG AGGAATCTTC ATCAGTCGGG ATTTAGCCTG TCAGGCACCC1740
AAGTGGATGA GGGGGTTCGC TCAGCCAGCA AGCGCATCGT GGCCCCCCCA GGCGGCCGTT1800
CTAATATCAC ATCTCTGAGT TAAGCAAGCC TTCCTCAAAG AGAGGGGCAG AAGCAAGAAG1860
AGATTGTTTT GAAGCCAAAA TGGTACACCG ATATTTAAGA AGGAAAGCGA ATCCAAACGG1920
TTGTGATCTA AAGAATCAAT AAGCCTCAAG CCTTATGTTT CTCCAATGTT ACGCTCGCTT1980
GCCTAGCTTT ACGAATATTG CTTTGTTTTC TGTTTATGCA TAGCCTTGAT TTGTTTGACT2040
CCCCTCCCCC CATTTACATG CATGCAATCA GACAGGCCAC TAAGGTAAAA GAGTCTGCTC2100
TATCATAGTG TTGAGAGCGT GTGTAGTGCT GCATCTTATG ACAAGGGGAC AGACAAGCTG2160
GGACGTCAGG GAAATGAACA AAAGGGACGC AGGTTATTTG GGGTGAGTGG GTGGTGGGAG2220
CCTGGAGCAA GGTGGAGGGT GCAGAGGGGC TGGGGTAGGG CATGTAGGAG GGAGGTGGGT2280
GGGTCAGGTG AGTGGAAGGG GTGTTGTATA TTGTGTTGAT GACGTACGTT ATTTCCATGG2340
AAGATAGCCG CTGTGGCAGC TGTCACATCA CCACAGCTCC CTAGGGTCTG CCGAGAAGGC2400
AGGCAGTCTT TGGGTTCTGT TCTTTGTCAC GTCCCCTACA AGTAAATTTT GTTTCTTTGA2460
ACGTTTATTA AAATGCCAAG ACCCAACCAT TTCTTCCACC TGCTTGATTG TGCCAGTGTT2520
TGCTCAGGCC TCTTTCTTAG TGTTGCTTTC AAATCCTTCT CTTTCCTGGG TTGGGAAGGC2580
CAGGCAGGGA CAGAGCAAAT GACACTTCTC TTCCTCTTGC CCTCCCTGCC TCTTTGGTGC2640
TCTTAAAAGC CAGCAGCTGA GAACATAGCA CAGGCCCACG TGGTGAGGGC ACCCACAGCT2700
TAAAGACGCT TCCTTCTAAA CACGGCGAGG TCACCTCTCA CTCTTCTGTC TTTGCAAACC2760
GAGAAGAGTG GCATGCTTCT GGCATCCCAA GTCAGGATTT TAGCTCAGAT GAGGCAGAAT2820
GAAGGGCCTC TCTTACAGGC AGTTTGTGTT TGATTCTCTC GATCCTGGCA CATCCATGAT2880
AAATAGGAGT TTTTGAAAGT TGGTTTTATT AGGTGTTCCC TAATTTTTAC CGTAATAGGT2940
CATCTCAGCT TATATGAAAG TCAAGTGGGG AACTGGGAAA GCCAAAGTCA GTCTTGAGCA3000
GAGGGAGCAC ATTTTGTGGA CCTGGTTCCA CCTTTCCATT CCAAACCACC TGTTTCCCCT3060
TCCATTAGCA GAAACTCTGG GGGAACTTTG TGTCTCAGTC CTAGAATCTC CCCAAGTGAG3120
TGGAAGTGAC ATGATGCAGT CTTCCTCATG GGGCACCTGA AAGAAATTAG TGTGGGTGCT3180
TCGATCTACC TTGTCTGTCA GAGTTGAATA TCTCTTTCCC TATCATGCTG CTTCTGAAAA3240
TTCAGTTTTG GAGCAAGTCC TGTGAGCAAG ATAAGAATCT ATAGAACCAA GATGCTCATT3300
TTCAGAAGAA ATATGTTCAA CCTGGGATCA GACTTCCATG CTCTGGGGAA TCCAAGTGGT3360
AGCACCTGTA ACCCTGTGTA CTAAGTGCTT TGAAGAGAAG AGCAGGCCTC AGACACCTTT3420
TAATTGCTTA GGAGAAACCA TTGTCTCTGA CTGCAGGTTT GAATAAGTTG AAGACCAGAG3480
AAAAGTACAC ACTGGGCTAC AAAGGAATTT GGAGATAGCC AAGGAACAGG ATTTCCCCTA3540
GCAAGCTACC TTCTGTTCAA ATCATGAAAA AAGACTATTT CCCCTTAGAA TAGGGAAGCT3600
TGCTATTTTA AAGCTCTTGT AGTGCTTTTC TTTTAAGGGA GATGTAGTAA AAGGGAAAAT3660
GTAGCTCTTA GTTTACACTT CAAAGATGTG GGGGTCTTTC AGAGAACTAA GAATAACAGT3720
TTTATGTGCA GAGAGAGTTT GCCAGATCTG AAGCATATAC CTCATTGACT AGGCTGTTAC3780
TTTGGGATAG GTTGCAGTAC CAGCCACAGC CAGCAGATAG AGGAAAAGAC ACACATAAAC3840
TCGCTTCTGA GCGTCCACTT CTGCACTCTC TGCTCTGCTG TTACTCAGCC CCTGAGTCTG3900
ACTCATCTCT GCACAACCTC TCTGTGCCAT GAAGATAAGT CTTCCATGGC CAAATCGGTC3960
ATCCGCACTG CCCTTGGGAC TTCCGAAGTG AACCATTCCA CCAGAACCTT TGATTCTGCA4020
CAAGATTTCC TTGCTCTGGG AACAACCCCC AAATGCCCTT GGGAGGAACA ACATGAGCTC4080
AGGAAGCCTC TCTTTCTTCA CTTACCATTA CTAACTCTCC AAGCATAGAA ATCCCTGGGA4140
ATTGCGAGAA TAACTCCCAC TATTTTAAAA TTTATATTCA GATTTGTTTC GTTTCATAAG4200
ACACATCAAA CAGGCCTATA CAAAAGGTTT AGGAAAAGAA AACAATGGTG AGTCCCGGCC4260
CTCTTCGAAT TCACTGGCAC CTCATGCAAG TGTAGGAAGG CACGCTGGAT CGTCTATCTG4320
ATTCCAAAGC TGTCCTTTGC CATCTCATCC CTTGGCCTGC CCCCCAACCC TGAGGATGCC4380
CCTGCCATCC CCCCAACCTC CTCATATTGC CTCTGAACCC AGATGGCAAT CCATCCCGGT4440
TCTCTCTGAG GGCCACGGGC TTGGGTAGTG GAAAGGGTGT TTGGGAAATT GTTAAATCAG4500
TTACCCGTAG TAGAGCTATT TCTTGTACTT CTAAGTTTTC TAGAAGTGGA AGGATTGTAG4560
TCATCCTGAA AATGGGTTTA CTTCAAAATC CCTCAGCCTT GTTCTTCACG ACTGTCTATA4620
CTGAGAGTGT CATGTTTCCA CAAAGGGCTG ACACCTGAGC CTGGATTTTC ACTCATCCCT4680
GAGAAGCCCT TTCCAGTAGG GTGGGCAATT CCCAACTTCC TTGCCACAAG CTTCCCAGGC4740
TTTCTCCCCT GGAAAACTCC AGCTTGAGTC CCAGATACAC TCATGGGCTG CCCTGGGCAG4800
CCAGCATTCA TTGTAAGTTC CCTCTTTGAA AACTGGTGTG TGGGTGTTCA GTTCTGTGTC4860
TGGTGGGTAT GGACAGACAG TAATCTCCTG TGATCTGTGC TAGCTGTGAG GCAGCTCTGG4920
AACGTGAAGA GCTGTTTGGT TTGAACCGTG AACAAAACTG TGTTTTGAGT TTAGCTGACA4980

172

TTAAAGAAAA AAGTTCATCA CGTGACTGTT AATGTAAACC TGGTTATTAA AATAACTATG5040
5047
AAATTAC

Name: 274 Len: 1231 Check: 1BCE

GACAAGATGG CCACACCGGC GGTACCAGTA AGTGCTCCTC CGGCCACGCC AACCCCAGTC 60
CCGGCGGCGG CCCCAGCCTC AGTTCCAGCG CCAACGCCAG CACCGGCTGC GGCTCCGGTT 120
CCCGCTGCGG CTCCAGCCTC ATCCTCAGAC CCTGCGGCAG CAGCGGCTGC AACTGCGGCT 180
CCTGGCCAGA CCCCGGCCTC AGCGCAAGCT CCAGCGCAGA CCCCAGCGCC CGCTCTGCCT 240
GGTCCTGCTC TTCCAGGGCC CTTCCCCGGC GGCCGCGTGG TCAGGCTGCA CCCAGTCATT 300
TTGGCCTCCA TTGTGGACAG CTACGAGAGA CGCAACGAGG GTGCTGCCCG AGTTATCGGG 360
ACCCTGTTGG GAACTGTCGA CAAACACTCA GTGGAGGTCA CCAATTGCTT TTCAGTGCCG 420
CACAATGAGT CAGAAGATGA AGTGGCTGTT GACATGGAAT TTGCTAAGAA TATGTATGAA 480
CTGCATAAAA AAGTTTCTCC AAATGAGCTC ATCCTGGGCT GGTACGCTAC GGGCCATGAC 540
ATCACAGAGC ACTCTGTGCT GATCCATGAG TACTACAGCC GAGAGGCCCC CAACCCCATC 600
CACCTCACTG TGGACACAAG TCTCCAGAAC GGCCGCATGA GCATCAAAGC CTACGTCAGC 660
ACTTTAATGG GAGTCCCTGG GAGGACCATG GGAGTGATGT TCACGCCTCT GACAGTGAAA 720
TACGCGTACT ACGACACTGA ACGCATCGGA GTTGACCTGA TCATGAAGAC CTGCTTTAGC 780
CCCAACAGAG TGATTGGACT CTCAAGTGAC TTGCAGCAAG TAGGAGGGGC ATCAGCTCGC 840
ATCCAGGATG CCCTGAGTAC AGTGTTGCAA TATGCAGAGG ATGTACTGTC TGGAAAGGTG 900
TCAGCTGACA ATACTGTGGG CCGCTTCCTG ATGAGCCTGG TTAACCAAGT ACCGAAAATA 960
GTTCCCGATG ACTTTGAGAC CATGCTCAAC AGCAACATCA ATGACCTTTT GATGGTGACC1020
TACCTGGCCA ACCTCACACA GTCACAGATT GCACTCAATG AAAAACTTGT AAACCTGTGA1080
ATGGACCCCA AGCAGTACAC TTGCTGGTCT AGGTATTAAC CCCAGGACTC AGAAGTGAAG1140
GAGAAATGGG TTTTTTGTGG TCTTGAGTCA CACTGAGATA GTCAGTTGTG TGTGACTCTA1200
1231
ATAAACGGAG CCTACCTTTT GTAAAAAAAA A

Name: 275 Len: 8368 Check: 1FA2

GCGATCCGGG CGCCACCCCG CGGTCATCGG TCACCGGTCG CTCTCAGGAA CAGCAGCGCA 60
ACCTCTGCTC CCTGCCTCGC CTCCCGCGCG CCTAGGTGCC TGCGACTTTA ATTAAAGGGC 120
CGTCCCCTCG CCGAGGCTGC AGCACCGCCC CCCCGGCTTC TCGCGCCTCA AAATGAGTAG 180
CTCCCACTCT CGGGCGGGCC AGAGCGCAGC AGGCGCGGCT CCGGGCGGCG GCGTCGACAC 240
GCGGGACGCC GAGATGCCGG CCACCGAGAA GGACCTGGCG GAGGACGCGC CGTGGAAGAA 300
GATCCAGCAG AACACTTTCA CGCGCTGGTG CAACGAGCAC CTGAAGTGCG TGAGCAAGCG 360
CATCGCCAAC CTGCAGACGG ACCTGAGCGA CGGGCTGCGG CTTATCGCGC TGTTGGAGGT 420
GCTCAGCCAG AAGAAGATGC ACCGCAAGCA CAACCAGCGG CCCACTTTCC GCCAAATGCA 480
GCTTGAGAAC GTGTCGGTGG CGCTCGAGTT CCTGGACCGC GAGAGCATCA AACTGGTGTC 540
CATCGACAGC AAGGCCATCG TGGACGGGAA CCTGAAGCTG ATCCTGGGCC TCATCTGGAC 600
CCTGATCCTG CACTACTCCA TCTCCATGCC CATGTGGGAC GAGGAGGAGG ATGAGGAGGC 660
CAAGAAGCAG ACCCCCAAGC AGAGGCTCCT GGGCTGGATC CAGAACAAGC TGCCGCAGCT 720
GCCCATCACC AACTTCAGCC GGGACTGGCA GAGCGGCCGG GCCCTGGGCG CCCTGGTGGA 780
CAGCTGTGCC CCGGGCCTGT GTCCTGACTG GGACTCTTGG GACGCCAGCA AGCCCGTTAC 840
CAATGCGCGA GAGGCCATGC AGCAGGCGGA TGACTGGCTG GGCATCCCCC AGGTGATCAC 900
CCCCGAGGAG ATTGTGGACC CCAACGTGGA CGAGCACTCT GTCATGACCT ACCTGTCCCA 960
GTTCCCCAAG GCCAAGCTGA AGCCAGGGGC TCCCTTGCGC CCCAAACTGA ACCCGAAGAA1020
AGCCCGTGCC TACGGGCCAG GCATCGAGCC CACAGGCAAC ATGGTGAAGA AGCGGGCAGA1080
GTTCACTGTG GAGACCAGAA GTGCTGGCCA GGGAGAGGTG CTGGTGTACG TGGAGGACCC1140
GGCCGGACAC CAGGAGGAGG CAAAAGTGAC CGCCAATAAC GACAAGAACC GCACCTTCTC1200
CGTCTGGTAC GTCCCCGAGG TGACGGGGAC TCATAAGGTT ACTGTGCTCT TTGCTGGCCA1260
GCACATCGCC AAGAGCCCCT TCGAGGTGTA CGTGGATAAG TCACAGGGTG ACGCCAGCAA1320
AGTGACAGCC CAAGGTCCCG GCCTGGAGCC CAGTGGCAAC ATCGCCAACA AGACCACCTA1380
CTTTGAGATC TTTACGGCAG GAGCTGGCAC GGGCGAGGTC GAGGTTGTGA TCCAGGACCC1440
CATGGGACAG AAGGGCACGG TAGAGCCTCA GCTGGAGGCC CGGGGCGACA GCACATACCG1500
CTGCAGCTAC CAGCCCACCA TGGAGGGCGT CCACACCGTG CACGTCACGT TTGCCGGCGT1560
GCCCATCCCT CGCAGCCCCT ACACTGTCAC TGTTGGCCAA GCCTGTAACC CGAGTGCCTG1620
CCGGGCGGTT GGCCGGGGCC TCCAGCCCAA GGGTGTGCGG GTGAAGGAGA CAGCTGACTT1680
CAAGGTGTAC ACAAAGGGCG CTGGCAGTGG GGAGCTGAAG GTCACCGTGA AGGGCCCCAA1740
GGGAGAGGAG CGCGTGAAGC AGAAGGACCT GGGGGATGGC GTGTATGGCT TCGAGTATTA1800
CCCCATGGTC CCTGGAACCT ATATCGTCAC CATCACGTGG GGTGGTCAGA ACATCGGGCG1860
CAGTCCCTTC GAAGTGAAGG TGGGCACCGA GTGTGGCAAT CAGAAGGTAC GGGCCTGGGG1920
CCCTGGGCTG GAGGGCGGCG TCGTTGGCAA GTCAGCAGAC TTTGTGGTGG AGGCTATCGG1980
GGACGACGTG GGCACGCTGG GCTTCTCGGT GGAAGGGCCA TCGCAGGCTA AGATCGAATG2040
TGACGACAAG GGCGACGGCT CCTGTGATGT GCGCTACTGG CCGCAGGAGG CTGGCGAGTA2100
TGCCGTTCAC GTGCTGTGCA ACAGCGAAGA CATCCGCCTC AGCCCCTTCA TGGCTGACAT2160
CCGTGACGCG CCCCAGGACT TCCACCCAGA CAGGGTGAAG GCACGTGGGC CTGGATTGGA2220
GAAGACAGGT GTGGCCGTCA ACAAGCCAGC AGAGTTCACA GTGGATGCCA AGCACGGTGG2280

173

CAAGGCCCCA CTTCGGGTCC AAGTCCAGGA CAATGAAGGC TGCCCTGTGG AGGCGTTGGT2340
CAAGGACAAC GGCAATGGCA CTTACAGCTG CTCCTACGTG CCCAGGAAGC CGGTGAAGCA2400
CACAGCCATG GTGTCCTGGG GAGGCGTCAG CATCCCCAAC AGCCCCTTCA GGGTGAATGT2460
GGGAGCTGGC AGCCACCCCA ACAAGGTCAA AGTATACGGC CCCGGAGTAG CCAAGACAGG2520
GCTCAAGGCC CACGAGCCCA CCTACTTCAC TGTGGACTGC GCCGAGGCTG GCCAGGGGGA2580
CGTCAGCATC GGCATCAAGT GTGCCCCTGG AGTGGTAGGC CCCGCCGAAG CTGACATCGA2640
CTTCGACATC ATCCGCAATG ACAATGACAC CTTCACGGTC AAGTACACGC CCCGGGGGGC2700
TGGCAGCTAC ACCATTATGG TCCTCTTTGC TGACCAGGCC ACGCCCACCA GCCCCATCCG2760
AGTCAAGGTG GAGCCCTCTC ATGACGCCAG TAAGGTGAAG GCCGAGGGCC CTGGCCTCAG2820
TCGCACTGGT GTCGAGCTTG GCAAGCCCAC CCACTTCACA GTAAATGCCA AAGCTGCTGG2880
CAAAGGCAAG CTGGACGTCC AGTTCTCAGG ACTCACCAAG GGGGATGCAG TGCGAGATGT2940
GGACATCATC GACCACCATG ACAACACCTA CACAGTCAAG TACACGCCTG TCCAGCAGGG3000
TCCAGTAGGC GTCAATGTCA CTTATGGAGG GGATCCCATC CCTAAGAGCC CTTTCTCAGT3060
GGCAGTATCT CCAAGCCTGG ACCTCAGCAA GATCAAGGTG TCTGGCCTGG GAGAGAAGGT3120
GGACGTTGGC AAAGACCAGG AGTTCACAGT CAAATCAAAG GGTGCTGGTG GTCAAGGCAA3180
AGTGGCATCC AAGATTGTGG GCCCCTCGGG TGCAGCGGTG CCCTGCAAGG TGGAGCCAGG3240
CCTGGGGGCT GACAACAGTG TGGTGCGCTT CCTGCCCCGT GAGGAAGGGC CCTATGAGGT3300
GGAGGTGACC TATGACGGCG TGCCCGTGCC TGGCAGCCCC TTTCCTCTGG AAGCTGTGGC3360
CCCCACCAAG CCTAGCAAGG TGAAGGCGTT TGGGCCGGGG CTGCAGGGAG GCAGTGCGGG3420
CTCCCCCGCC CGCTTCACCA TCGACACCAA GGGCGCCGGC ACAGGTGGCC TGGGCCTGAC3480
GGTGGAGGGC CCCTGTGAGG CGCAGCTCGA GTGCTTGGAC AATGGGGATG GCACATGTTC3540
CGTGTCCTAC GTGCCCACCG AGCCCGGGGA CTACAACATC AACATCCTCT TCGCTGACAC3600
CCACATCCCT GGCTCCCCAT TCAAGGCCCA CGTGGTTCCC TGCTTTGACG CATCCAAAGT3660
CAAGTGCTCA GGCCCCGGGC TGGAGCGGGC CACCGCTGGG GAGGTGGGCC AATTCCAAGT3720
GGACTGCTCG AGCGCGGGCA GCGCGGAGCT GACCATTGAG ATCTGCTCGG AGGCGGGGCT3780
TCCGGCCGAG GTGTACATCC AGGACCACGG TGATGGCACG CACACCATTA CCTACATTCC3840
CCTCTGCCCC GGGGCCTACA CCGTCACCAT CAAGTACGGC GGCCAGCCCG TGCCCAACTT3900
CCCCAGCAAG CTGCAGGTGG AACCTGCGGT GGACACTTCC GGTGTCCAGT GCTATGGGCC3960
TGGTATTGAG GGCCAGGGTG TCTTCCGTGA GGCCACCACT GAGTTCAGTG TGGACGCCCG4020
GGCTCTGACA CAGACCGGAG GGCCGCACGT CAAGGCCCGT GTGGCCAACC CCTCAGGCAA4080
CCTGACGGAG ACCTACGTTC AGGACCGTGG CGATGGCATG TACAAAGTGG AGTACACGCC4140
TTACGAGGAG GGACTGCACT CCGTGGACGT GACCTATGAC GGCAGTCCCG TGCCCAGCAG4200
CCCCTTCCAG GTGCCCGTGA CCGAGGGCTG CGACCCCTCC CGGGTGCGTG TCCACGGGCC4260
AGGCATCCAA AGTGGCACCA CCAACAAGCC CAACAAGTTC ACTGTGGAGA CCAGGGGAGC4320
TGGCACGGGC GGCCTGGGCC TGGCTGTAGA GGGCCCCTCC GAGGCCAAGA TGTCCTGCAT4380
GGATAACAAG GACGGCAGCT GCTCGGTCGA GTACATCCCT TATGAGGCTG GCACCTACAG4440
CCTCAACGTC ACCTATGGTG GCCATCAAGT GCCAGGCAGT CCTTTCAAGG TCCCTGTGCA4500
TGATGTGACA GATGCGTCCA AGGTCAAGTG CTCTGGGCCC GGCCTGAGCC CAGGCATGGT4560
TCGTGCCAAC CTCCCTCAGT CCTTCCAGGT GGACACAAGC AAGGCTGGTG TGGCCCCATT4620
GCAGGTCAAA GTGCAAGGGC CCAAAGGCCT GGTGGAGCCA GTGGACGTGG TAGACAACGC4680
TGATGGCACC CAGACCGTCA ATTATGTGCC CAGCCGAGAA GGGCCCTACA GCATCTCAGT4740
ACTGTATGGA GATGAAGAGG TACCCCGGAG CCCCTTCAAG GTCAAGGTGC TGCCTACTCA4800
TGATGCCAGC AAGGTGAAGG CCAGTGGCCC CGGGCTCAAC ACCACTGGCG TGCCTGCCAG4860
CCTGCCCGTG GAGTTCACCA TCGATGCAAA GGACGCCGGG GAGGGCCTGC TGGCTGTCCA4920
GATCACGGAT CCCGAAGGCA AGCCGAAGAA GACACACATC CAAGACAACC ATGACGGCAC4980
GTATACAGTG GCCTACGTGC CAGACGTGAC AGGTCGCTAC ACCATCCTCA TCAAGTACGG5040
TGGTGACGAG ATCCCCTTCT CCCCGTACCG CGTGCGTGCC GTGCCCACCG GGGACGCCAG5100
CAAGTGCACT GTCACAGTGT CAATCGGAGG TCACGGGCTA GGTGCTGGCA TCGGCCCCAC5160
CATTCAGATT GGGGAGGAGA CGGTGATCAC TGTGGACACT AAGGCGGCAG GCAAAGGCAA5220
AGTGACGTGC ACCGTGTGCA CGCCTGATGG CTCAGAGGTG GATGTGGACG TGGTGGAGAA5280
TGAGGACGGC ACTTTCGACA TCTTCTACAC GGCCCCCCAG CCGGGCAAAT ACGTCATCTG5340
TGTGCGCTTT GGTGGCGAGC ACGTGCCCAA CAGCCCCTTC CAAGTGACGG CTCTGGCTGG5400
GGACCAGCCC TCGGTGCAGC CCCCTCTACG GTCTCAGCAG CTGGCCCCAC AGTACACCTA5460
CGCCCAGGGC GGCCAGCAGA CTTGGGCCCC GGAGAGGCCC CTGGTGGGTG TCAATGGGCT5520
GGATGTGACC AGCCTGAGGC CCTTTGACCT TGTCATCCCC TTCACCATCA AGAAGGGCGA5580
GATCACAGGG GAGGTTCGGA TGCCCTCAGG CAAGGTGGCG CAGCCCACCA TCACTGACAA5640
CAAAGACGGC ACCGTGACCG TGCGGTATGC ACCCAGCGAG GCTGGCCTGC ACGAGATGGA5700
CATCCGCTAT GACAACATGC ACATCCCAGG AAGCCCCTTG CAGTTCTATG TGGATTACGT5760
CAACTGTGGC CATGTCACTG CCTATGGGCC TGGCCTCACC CATGGAGTAG TGAACAAGCC5820
TGCCACCTTC ACCGTCAACA CCAAGGATGC AGGAGAGGGG GGCCTGTCTC TGGCCATTGA5880
GGGCCCGTCC AAAGCAGAAA TCAGCTGCAC TGACAACCAG GATGGGACAT GCAGCGTGTC5940
CTACCTGCCT GTGCTGCCGG GGGACTACAG CATTCTAGTC AAGTACAATG AACAGCACGT6000
CCCAGGCAGC CCCTTCACTG CTCGGGTCAC AGGTGACGAC TCCATGCGTA TGTCCCACCT6060

174

AAAGGTCGGC TCTGCTGCCG ACATCCCCAT CAACATCTCA GAGACGGATC TCAGCCTGCT6120
GACGGCCACT GTGGTCCCGC CCTCGGGCCG GGAGGAGCCC TGTTTGCTGA AGCGGCTGCG6180
TAATGGCCAC GTGGGGATTT CATTCGTGCC CAAGGAGACG GGGGAGCACC TGGTGCATGT6240
GAAGAAAAAT GGCCAGCACG TGGCCAGCAG CCCCATCCCG GTGGTGATCA GCCAGTCGGA6300
AATTGGGGAT GCCAGTCGTG TTCGGGTCTC TGGTCAGGGC CTTCACGAAG GCCACACCTT6360
TGAGCCTGCA GAGTTTATCA TTGATACCCG CGATGCAGGC TATGGTGGGC TCAGCCTGTC6420
CATTGAGGGC CCCAGCAAGG TGGACATCAA CACAGAGGAC CTGGAGGACG GGACGTGCAG6480
GGTCACCTAC TGCCCCACAG AGCCAGGCAA CTACATCATC AACATCAAGT TTGCCGACCA6540
GCACGTGCCT GGCAGCCCCT TCTCTGTGAA GGTGACAGGC GAGGGCCGGG TGAAAGAGAG6600
CATCACCCGC AGGCGTCGGG CTCCTTCAGT GGCCAACGTT GGTAGTCATT GTGACCTCAG6660
CCTGAAAATC CCTGAAATTA GCATCCAGGA TATGACAGCC CAGGTGACCA GCCCATCGGG6720
CAAGACCCAT GAGGCCGAGA TCGTGGAAGG GGAGAACCAC ACCTACTGCA TCCGCTTTGT6780
TCCCGCTGAG ATGGGCACAC ACACAGTCAG CGTCAAGTAC AAGGGCCAGC ACGTGCCTGG6840
GAGCCCCTTC CAGTTCACCG TGGGGCCCCT AGGGGAAGGG GGAGCCCACA AGGTCCGAGC6900
TGGGGGCCCT GGCCTGGAGA GAGCTGAAGC TGGAGTGCCA GCCGAATTCA GTATCTGGAC6960
CCGGGAAGCT GGTGCTGGAG GCCTGGCCAT TGCTGTCGAG GGCCCCAGCA AGGCTGAGAT7020
CTCTTTTGAG GACCGCAAGG ACGGCTCCTG TGGTGTGGCT TATGTGGTCC AGGAGCCAGG7080
TGACTACGAA GTCTCAGTCA AGTTCAACGA GGAACACATT CCCGACAGCC CCTTCGTGGT7140
GCCTGTGGCT TCTCCGTCTG GCGACGCCCG CCGCCTCACT GTTTCTAGCC TTCAGGAGTC7200
AGGGCTAAAG GTCAACCAGC CAGCCTCTTT TGCAGTCAGC CTGAACGGGG CCAAGGGGGC7260
GATCGATGCC AAGGTGCACA GCCCCTCAGG AGCCCTGGAG GAGTGCTATG TCACAGAAAT7320
TGACCAAGAT AAGTATGCTG TGCGCTTCAT CCCTCGGGAG AATGGCGTTT ACCTGATTGA7380
CGTCAAGTTC AACGGTACCC ACATCCCTGG AAGCCCCTTC AAGATCCGAG TTGGGGAGCC7440
TGGGCATGGA GGGGACCCAG GCTTGGTGTC TGCTTACGGA GCAGGTCTGG AAGGCGGTGT7500
CACAGGGAAC CCAGCTGAGT TCGTCGTGAA CACGAGCAAT GCGGGAGCTG GTGCCCTGTC7560
GGTGACCATT GACGGCCCCT CCAAGGTGAA GATGGATTGC CAGGAGTGCC CTGAGGGCTA7620
CCGCGTCACC TATACCCCCA TGGCACCTGG CAGCTACCTC ATCTCCATCA AGTACGGCGG7680
CCCCTACCAC ATTGGGGGCA GCCCCTTCAA GGCCAAAGTC ACAGGCCCCC GTCTCGTCAG7740
CAACCACAGC CTCCACGAGA CATCATCAGT GTTTGTAGAC TCTCTGACCA AGGCCACCTG7800
TGCCCCCCAG CATGGGGCCC CGGGTCCTGG GCCTGCTGAC GCCAGCAAGG TGGTGGCCAA7860
GGGCCTGGGG CTGAGCAAGG CCTACGTAGG CCAGAAGAGC AGCTTCACAG TAGACTGCAG7920
CAAAGCAGGC AACAACATGC TGCTGGTGGG GGTTCATGGC CCAAGGACCC CCTGCGAGGA7980
GATCCTGGTG AAGCACGTGG GCAGCCGGCT CTACAGCGTG TCCTACCTGC TCAAGGACAA8040
GGGGGAGTAC ACACTGGTGG TCAAATGGGG GCACGAGCAC ATCCCAGGCA GCCCCTACCG8100
CGTTGTGGTG CCCTGAGTCT GGGGCCCGTG CCAGCCGGCA GCCCCCAAGC CTGCCCCGCT8160
ACCCAAGCAG CCCCGCCCTC TTCCCCTCAA CCCCGGCCCA GGCCGCCCTG GCCGCCCGCC8220
TGTCACTGCA GCTGCCCCTG CCCTGTGCCG TGCTGCGCTC ACCTGCCTCC CCAGCCAGCC8280
GCTGACCTCT CGGCTTTCAC TTGGGCAGAG GGAGCCATTT GGTGGCGCTG CTTGTCTTCT8340
TTGGTTCTGG GAGGGGTGAG GGATGGGG 8368

Name: 276 Len: 4803 Check: FF4

GCGGCTGCCT AGTTGACGCA CCCATTGAGT CGCTGGCTTC TTTGCAGCGC TTCAGCGTTT 60
TCCCCTGGAG GGCGCCTCCA TCCTTGGAGG CCTAGTGCCG TCGGAGAAGA GAGCGGGAGC 120
CGCGGACAGA GACGCGTGCG CAATTCGGAG CCGACTCTGG GTGCGGACTG TGGGAGCTGA 180
CTCTGGGTAG CCGGCTGCGC GTGGCTGGGG AGGCGAGGCC GGACGCACCT CTGTTTGGGG 240
GTCCTCAGAG ATTAATGATT CATCAAGGGA TAGTTGTACT GTTCTCGTGG GAATCACTTC 300
ATCATGCGAA ATCTGAAATT ATTTCGGACC CTGGAGTTCA GGGATATTCA AGGTCCAGGG 360
AATCCTCAGT GCTTCTCTCT CCGAACTGAA CAGGGGACGG TGCTCATTGG TTCAGAACAT 420
GGCCTGATAG AAGTAGACCC TGTCTCAAGA GAAGTGAAAA ATGAAGTTTC TTTGGTGGCA 480
GAAGGCTTTC TTCCAGAGGA TGGAAGTGGC CGCATTGTTG GTGTTCAGGA CTTGCTGGAT 540
CAGGAGTCTG TGTGTGTGGC CACAGCCTCT GGAGACGTCA TACTCTGCAG TCTCAGCACA 600
CAACAGCTGG AGTGTGTTGG GAGTGTAGCC AGTGGTATCT CTGTTATGAG TTGGAGTCCT 660
GACCAAGAGC TGGTGCTTCT TGCCACAGGT CAACAGACCC TGATTATGAT GACAAAAGAT 720
TTTGAGCCAA TCCTGGAGCA GCAGATCCAT CAGGATGATT TTGGTGAAAG CAAGTTTATC 780
ACTGTTGGAT GGGGTAGGAA GGAGACACAG TTCCATGGAT CAGAAGGCAG ACAAGCAGCT 840
TTTCAGATGC AAATGCATGA GTCTGCTTTG CCCTGGGATG ACCATAGACC ACAAGTTACC 900
TGGCGGGGGG ATGGACAGTT TTTTGCTGTG AGTGTTGTTT GCCCAGAAAC AGGGGCTCGG 960
AAGGTCAGAG TGTGGAACCG AGAGTTTGCT TTGCAGTCAA CCAGTGAGCC TGTGGCAGGA1020
CTGGGACCAG CCCTGGCTTG GAAACCCTCA GGCAGTTTGA TTGCATCTAC ACAAGATAAA1080
CCCAACCAGC AGGATATTGT GTTTTTTGAG AAAAATGGAC TCCTTCATGG ACACTTTACA1140
CTTCCCTTCC TTAAAGATGA GGTTAAGGTA AATGACTTGC TCTGGAATGC AGATTCCTCT1200
GTGCTTGCAG TCCGGCTGGA AGACCTTCAG AGAGAAAAAA GCTCCATTCC GAAAACCTGT1260
GTTCAGCTCT GGACTGTTGG AAACTATCAC TGGTATCTCA AGCAAAGTTT ATCCTTCAGC1320
ACCTGTGGGA AGAGCAAGAT TGTGTCTCTG ATGTGGGACC CTGTGACCCC ATACCGGCTG1380

175

CATGTTCTCT GTCAGGGCTG GCATTACCTC GCCTATGATT GGCACTGGAC GACTGACCGG1440
AGCGTGGGAG ATAATTCAAG TGACTTGTCC AATGTGGCTG TCATTGATGG AAACAGGGTG1500
TTGGTGACAG TCTTCCGGCA GACTGTGGTT CCGCCTCCCA TGTGCACCTA CCAACTGCTG1560
TTCCCACACC CTGTGAATCA AGTCACATTC TTAGCACACC CTCAAAAGAG TAATGACCTT1620
GCTGTTCTAG ATGCCAGTAA CCAGATTTCT GTTTATAAAT GTGGTGATTG TCCAAGTGCT1680
GACCCTACAG TGAAACTGGG AGCTGTGGGT GGAAGTGGAT TTAAAGTTTG CCTTAGAACT1740
CCTCATTTGG AAAAGAGATA CAAAATCCAG TTTGAGAATA ATGAAGATCA AGATGTAAAC1800
CCGCTGAAAC TAGGCCTTCT CACTTGGATT GAAGAAGACG TCTTCCTGGC TGTAAGCCAC1860
AGTGAGTTCA GCCCCCGGTC TGTCATTCAC CATTTGACTG CAGCTTCTTC TGAGATGGAT1920
GAAGAGCATG GACAGCTCAA TGTCAGTTCA TCTGCAGCGG TGGATGGGGT CATAATCAGT1980
CTATGTTGCA ATTCCAAGAC CAAGTCAGTA GTATTACAGC TGGCTGATGG CCAGATATTT2040
AAGTACCTTT GGGAGTCACC TTCTCTGGCT ATTAAACCAT GGAAGAACTC TGGTGGATTT2100
CCTGTTCGGT TTCCTTATCC ATGCACCCAG ACCGAATTGG CCATGATTGG AGAAGAGGAA2160
TGTGTCCTTG GTCTGACTGA CAGGTGTCGC TTTTTCATCA ATGACATTGA GGTTGCGTCA2220
AATATCACGT CATTTGCAGT ATATGATGAG TTTTTATTGT TGACAACCCA TTCCCATACC2280
TGCCAGTGTT TTTGCCTGAG GGATGCTTCA TTTAAAACAT TACAGGCCGG CCTGAGCAGC2340
AATCATGTGT CCCATGGGGA AGTTCTGCGG AAAGTGGAGA GGGGTTCACG GATTGTCACT2400
GTTGTGCCCC AGGACACAAA GCTTGTATTA CAGATGCCAA GGGGAAACTT AGAAGTTGTT2460
CATCATCGAG CCCTGGTTTT AGCTCAGATT CGGAAGTGGT TGGACAAACT TATGTTTAAA2520
GAGGCATTTG AATGCATGAG AAAGCTGAGA ATCAATCTCA ATCCGATTTA TGATCATAAC2580
CCTAAGGTGT TTCTTGGAAA TGTGGAAACC TTCATTAAAC AGATAGATTC TGTGAATCAT2640
ATTAACTTGT TTTTTACAGA ATTGAAAGAA GAAGATGTCA CGAAGACCAT GTACCCTGCA2700
CCAGTTACCA GCAGTGTCTA CCTGTCCAGG GATCCTGACG GGAATAAAAT AGACCTTGTC2760
TGCGATGCTA TGAGAGCAGT CATGGAGAGC ATAAATCCTC ATAAATACTG CCTATCCATA2820
CTTACATCTC ATGTAAAGAA GACAACCCCA GAACTGGAAA TTGTACTGCA AAAAGTACAC2880
GAGCTTCAAG GAAATGCTCC CTCTGATCCT GATGCTGTGA GTGCTGAAGA GGCCTTGAAA2940
TATTTGCTGC ATCTGGTAGA TGTTAATGAA TTATATGATC ATTCTCTTGG CACCTATGAC3000
TTTGATTTGG TCCTCATGGT AGCTGAGAAG TCACAGAAGG ATCCCAAAGA ATATCTTCCA3060
TTTCTTAATA CACTTAAGAA AATGGAAACT AATTATCAGC GGTTTACTAT AGACAAATAC3120
TTGAAACGAT ATGAAAAAGC CATTGGCCAC CTCAGCAAAT GTGGACCTGA GTACTTCCCA3180
GAATGCTTAA ACTTGATAAA AGATAAAAAC TTGTATAACG AAGCTCTGAA GTTATATTCA3240
CCAAGCTCAC AACAGTACCA GGATATCAGC ATTGCTTATG GGGAGCACCT GATGCAGGAG3300
CACATGTATG AGCCAGCGGG GCTCATGTTT GCCCGTTGCG GTGCCCACGA GAAAGCTCTC3360
TCAGCCTTTC TCACATGTGG CAACTGGAAG CAAGCCCTCT GTGTGGCAGC CCAGCTTAAC3420
TTTACCAAAG ACCAGCTGGT GGGCCTCGGC AGAACTCTGG CAGGAAAGCT GGTTGAGCAG3480
AGGAAGCACA TTGATGCGGC CATGGTTTTG GAAGAGTGTG CCCAGGATTA TGAAGAAGCT3540
GTGCTCTTGC TGTTAGAAGG AGCTGCCTGG GAAGAAGCTT TGAGGCTGGT ATACAAATAT3600
AACAGACTGG ATATTATAGA AACCAACGTA AAGCCTTCCA TTTTAGAAGC CCAGAAAAAT3660
TATATGGCAT TTCTGGACTC TCAGACAGCC ACATTCAGTC GCCACAAGAA ACGTTTATTG3720
GTAGTTCGAG AGCTCAAGGA GCAAGCCCAG CAGGCAGGTC TGGATGATGA GGTACCCCAC3780
GGGCAAGAGT CAGACCTCTT CTCTGAAACT AGCAGTGTCG TGAGTGGCAG TGAGATGAGT3840
GGCAAATACT CCCATAGTAA CTCCAGGATA TCAGCGAGAT CATCCAAGAA TCGCCGAAAA3900
GCGGAGCGGA AGAAGCACAG CCTCAAAGAA GGCAGTCCGC TGGAGGACCT GGCCCTCCTG3960
GAGGCACTGA GTGAAGTGGT GCAGAACACT GAAAACCTGA AAGATGAAGT ATACCATATT4020
TTAAAGGTAC TCTTTCTCTT TGAGTTTGAT GAACAAGGAA GGGAATTACA GAAGGCCTTT4080
GAAGATACGC TGCAGTTGAT GGAAAGGTCA CTTCCAGAAA TTTGGACTCT TACTTACCAG4140
CAGAATTCAG CTACCCCGGT TCTAGGTCCC AATTCTACTG CAAATAGTAT CATGGCATCT4200
TATCAGCAAC AGAAGACTTC GGTTCCTGTT CTTGATGCTG AGCTTTTTAT ACCACCAAAG4260
ATCAACAGAA GAACCCAGTG GAAGCTGAGC CTGCTAGACT GAGTGACTGC AGTTAGGAGG4320
GATCCGACAG AGAAGACCAT TTCCACTCAT TCCTGTTGTC CTACCACCCC TTGCTCTTTG4380
AGGGCTGGCT ATTGAGAACT GGAAAGAGTA AAATGATAAC TTACCTTAGC ATTGCCAAGA4440
ACTTCAGCAG ACAACAAGCA ATTCTATTTA TTTTATGTTG TGTATACATC TTGATCATTA4500
GCAAGACATT AAGCTTTAAC CATTATGGCA CCATTTTGTG AGAATGATTG TTCTTTCACT4560
TGGGCTGTTT GAGAGCATAA TTATGGTAAT CATGAGATTA ATGTTTCATG ATTTCTACCT4620
CCAAAGTGTG AAGACAAGTA AAACAATGTT TCTAAATTGT CTTATTTTGT TGGCGGAGAA4680
GATTACAATG GCTATTAGTG CTACATTTGG TCAAATGTAA TCACTTAAAT AGCTTCTTGT4740
CACCTTAAAC TAAAGCAGAA TAAAAAGTAT CCTTTGAAAT TAAAAAAAAC AAAAAAGCTA4800
AAA 4803

Name: 277 Len: 3548 Check: 1972

TGGCCGAAGC AGGGGGACAG CAAGGGACGC TCAGGCGGGG ACCATGGCGG ACGGCGGCTC 60
GGAGCGGGCT GACGGGCGCA TCGTCAAGAT GGAGGTGGAC TACAGCGCCA CGGTGGATCA 120
GCGCCTACCC GAGTGTGCGA AGCTAGCCAA GGAAGGAAGA CTTCAAGAAG TCATTGAAAC 180
CCTTCTCTCT CTGGAAAAGC AGACTCGTAC TGCTTCCGAT ATGGTATCGA CATCCCGTAT 240

176

CTTAGTTGCA GTAGTGAAGA TGTGCTATGA GGCTAAAGAA TGGGATTTAC TTAATGAAAA 300
TATTATGCTT TTGTCCAAAA GGCGGAGTCA GTTAAAACAA GCTGTTGCCA AAATGGTTCA 360
ACAGTGCTGT ACTTATGTTG AGGAAATCAC AGACCTTCCT ATCAAACTTC GATTAATTGA 420
TACTCTACGA ATGGTTACCG AAGGCAAGAT TTATGTTGAA ATTGAGCGTG CGCGACTGAC 480
TAAAACATTA GCAACTATAA AAGAACAAAA TGGTGATGTG AAAGAGGCAG CCTCCATTTT 540
ACAGGAGTTA CAGGTGGAAA CCTACGGGTC AATGGAAAAG AAAGAGCGAG TGGAATTTAT 600
TTTGGAGCAA ATCAGGCTCT GCCTAGCTGT GAAGGATTAC ATTCGAACAC AAATCATCAG 660
CAAGAAAATT AACACCAAAT TTTTCCAGGA AGAAAATACA GAGAAATTAA AGTTGAAGTA 720
CTATAATTTA ATGATTCAGC TGGATCAACA TGAGGGATCC TATTTGTCTA TTTGTAAGCA 780
CTACAGAGCA ATATATGATA CTCCCTGTAT ACAGGCAGAA AGTGAAAAAT GGCAGCAGGC 840
TCTGAAGAGT GTTGTACTCT ATGTTATCCT GGCTCCTTTT GACAATGAAC AGTCAGATTT 900
GGTTCACCGA ATAAGTGGTG ACAAGAAGTT AGAAGAAATT CCCAAATACA AGGATCTTTT 960
AAAGCTTTTT ACCACAATGG AGTTGATGCG TTGGTCCACA CTTGTTGAGG ACTATGGAAT1020
GGAATTAAGA AAAGGTTCCC TTGAGAGTCC TGCAACGGAT GTTTTTGGTT CTACAGAGGA1080
AGGTGAAAAA AGGTGGAAAG ACTTGAAGAA CAGAGTTGTT GAACATAATA TTAGAATAAT1140
GGCCAAGTAT TATACTCGGA TAACAATGAA AAGGATGGCA CAGCTTCTGG ATCTATCTGT1200
TGATGAGTCC GAAGCCTTTC TCTCAAATCT AGTAGTTAAC AAGACCATCT TTGCTAAAGT1260
AGACAGATTA GCAGGAATTA TCAACTTCCA GAGACCCAAG GATCCAAATA ATTTATTAAA1320
TGACTGGTCT CAGAAACTGA ACTCATTAAT GTCTCTGGTT AACAAAACTA CGCATCTCAT1380
AGCCAAAGAG GAGATGATAC ATAATCTACA ATAAGGGTCT TAGTGCTTTA GAAAAAAGTT1440
AAAATTGGAA GTCATTAAAA AAAGACTGTT ATAATGGTGT ATATGTTGGG GTTTTTTTTC1500
TAAGCTTCTT TGTCTTAAAT TTTAAAATAG TGAATATGTT TGAGACTCCC TTTGACCTTT1560
CAGTTCCCCA AGTTCATTGT TAACTTTGCA TTTGCAATTG GTGCAAAAAT ACAGATTTCT1620
GTCGTCTGAA TACACAAAAA GTTGTGTCAT AACTTACCCA GATATGTTTT TCTATCATTT1680
GAAACCTTTT TAGCTACTGT TTGTTTTCAT TCAACTAACA AACATATTCC AATAATAAAA1740
GCAGTATATA CATATTTCCT TTCTACAGTT ACCTCTGATT CTCAACATTT TGTGGGGTAG1800
TGATTTGGCA AGTGTTTTTT AAATAAAACA AATCTCATTG TAAAGTTATC AGTCATTTAG1860
TAGAATAGAA AAGCAACATA GAGCATACAA GAACATTTGG GATAGAGTTG TGATTTGTGA1920
AGAATTTGTA CTTTGATATT GTGGCGGAAA GTCTAGACTG AGTGTGTATG CTGGTAAACT1980
GTAGACTTTT TTTTTTTTTT TTGAGTCCGG CTGGTTCCAA TCACAGTAGC TTGATTGCTT2040
TCAGCCCTCA TCCTCTCACT TGATCAGTTG TTCAACAGAA TCAGCTGACA TAATTGACAC2100
AGTTTATTGG GTGTTAAGTC CGCTCTATAG GGATAGTGAC TACTTTTTTT TTTTTTTTT2160
TTTTTGCTCT TCTTCCTCTC CCCTTTCTTT ATATGGGTTT AAATTTAACA TAAAGTTGTT2220
TTTATAAGGC TTATTTGTGG CTTTAACTTG TAAGTCTGAT TACATCATTA TTGTTCCAAA2280
TTCATTATCT CTGTAGGAAC TTTTAGTTCC ATTATATGAA CACTGGATAA CCTAATTTTT2340
TTTAATGCTT TAAAAAAATG GCAAAAAGAC GTCAGGCCAC CCTCATAGTA AGTGGTGTAG2400
TATTAAAATA TTTTCACGGA ATTAAAAGTA GCTTGCTGTC AAAGAAACAC CTGAGATGAA2460
TTGGTGTGAA CGAATTTTGC AAGTTTAATT TGATTTATTT CAGAGAAAAT AGAAAAAACA2520
ATGTTAGAAG GTTATTTAAA ATGATACTTA AATAAAGAAA GTGTGAGGTC TACTTTAAAA2580
AAATTCAAAT GAAGAGAAAA AGAAAAACAG CATTCTAGAA ATGGCATTTC TCCTAATTAA2640
TTTTCCACTT AATGGAAGAT TATCAATTGT CCTATTTTAT GATCCCAGGA CTGAAGACAG2700
TTGTGGGATA TCTGTCATAT TTATCCTGTG AGTCATTGTG AATAATGACA TACAGTACTG2760
AAGTAATCTG ATTTTATTCT TTGGAAATTC AATGCATTGG TCACACTAAT AACATCAACA2820
TCTGCTATCA CTTATCTTTT TAAAACTAAC CAAAAAAGGC TGGGATTACA GGCATGAGCC2880
ACTGCACCCA ACTCCTCTTT CGTCTTTCTT TAACACACAC TAGGCTCTTT GTGTATTATG2940
ATTCAGTGCT ATTTGTAACT GTGTCCCAGT GACCAAATTG CACTCGACTC GATCAGCTGT3000
TCATCCATTT CGTGTTTTTT CCTGTCAAAC ATTAATCCAG CAAATATATG AGGTATTTAC3060
CAATTTATTT TCTTAGTATT ACAAAATAAT TCATTAGCAT AAAGTACAAT AGTGAAATAT3120
TTGAGTTGTT CGGAACCTCA ATTAATCCTG TTTTACATTT CAGACCTAAA GCTGGCAATC3180
AGGAGAAGAA GCACTTTGTT TTAAATGTGG AGAAGATAAC ACTTGATTCC ATTTCATTGT3240
CATTAGTGTA TTAACCAGCA GGAGAGGTGA TGAGCCATTT TTCAAATGAA ATACCTTTTA3300
TTTCCATATA ATTTTTTTAT TTTAGAGTTC AATAGCTGTT TCTATGATTA TCCTCAATTT3360
CCATATGTTA CTGAATCTGA AAAACATCTT TAAAATTCAA ACAGTTCCAT TTTCTCTCTT3420
GTAAGTGTTA AATGTGATAA AAGTACATAT TTTAAATTGT TTTCAGCTCT TGGATATAGC3480
AGCAATAAAA ACACTAATTT GTGGGTATTT AAGAAAACCT GGAGAATAAA CTCATACTTT3540
AAAAGATC 3548

Name: 278 Len: 4022 Check: 2A0

GTACGTGCGC GTCTCCCTGC CGCCGCCGCC GCCCGCCGCG GGCCGCCCCG GGGCCGCCGT 60
CGCCGACGAC GCGCGGGAGG AGGAGGAGGA GGCCGCCCCG CCGCCGCCGC CGCCGCCGCC 120
GCCCCGGCTC GCCGCCGCCC GCCCGCCGGG CTCGCAGCCC CGGCCCCCGG CCGCAGGCGA 180
GGCCCAGGCC GCGGCCGACA TGAACCACCA GCAGCAGCAG CAGCAGCAGA AAGCGGGCGA 240
GCAGCAGTTG AGCGAGCCCG AGGACATGGA GATGGAAGCG GGAGATACAG ATGACCCACC 300
AAGAATTACT CAGAACCCTG TGATCAATGG GAATGTGGCC CTGAGTGATG GACACAACAC 360

177

```
CGCGGAGGAG GACATGGAGG ATGACACCAG TTGGCGCTCC GAGGCAACCT TTCAGTTCAC 420
TGTGGAGCGC TTCAGCAGAC TGAGTGAGTC GGTCCTTAGC CCTCCGTGTT TTGTGCGAAA 480
TCTGCCATGG AAGATTATGG TGATGCCACG CTTTTATCCA GACAGACCAC ACCAAAAAAG 540
CGTAGGATTC TTTCTCCAGT GCAATGCTGA ATCTGATTCC ACGTCATGGT CTTGCCATGC 600
ACAAGCAGTG CTGAAGATAA TAAATTACAG AGATGATGAA AAGTCGTTCA GTCGTCGTAT 660
TAGTCATTTG TTCTTCCATA AAGAAAATGA TTGGGGATTT TCCAATTTTA TGGCCTGGAG 720
TGAAGTGACC GATCCTGAGA AAGGATTTAT AGATGATGAC AAAGTTACCT TTGAAGTCTT 780
TGTACAGGCG GATGCTCCCC ATGGAGTTGC GTGGGATTCA AAGAAGCACA CAGGCTACGT 840
CGGCTTAAAG AATCAGGGAG CGACTTGTTA CATGAACAGC CTGCTACAGA CGTTATTTTT 900
CACGAATCAG CTACGAAAGG CTGTGTACAT GATGCCAACC GAGGGGGATG ATTCGTCTAA 960
AAGCGTCCCT TTAGCATTAC AAAGAGTGTT CTATGAATTA CAGCATAGTG ATAAACCTGT1020
AGGAACAAAA AAGTTAACAA AGTCATTTGG GTGGGAAACT TTAGATAGCT TCATGCAACA1080
TGATGTTCAG GAGCTTTGTC GAGTGTTGCT CGATAATGTG GAAAATAAGA TGAAAGGCAC1140
CTGTGTAGAG GGCACCATAC CCAAATTATT CCGCGGCAAA ATGGTGTCCT ATATCCAGTG1200
TAAAGAAGTA GACTATCGGT CTGATAGAAG AGAAGATTAT TATGATATCC AGCTAAGTAT1260
CAAAGGAAAG AAAAATATAT TTGAATCATT TGTGGATTAT GTGGCAGTAG AACAGCTCGA1320
TGGGGACAAT AAATACGACG CTGGGGAACA TGGCTTACAG GAAGCAGAGA AAGGTGTGAA1380
ATTCCTAACA TTGCCACCAG TGTTACATCT ACAACTGATG AGATTTATGT ATGACCCTCA1440
GACGGACCAA AATATCAAGA TCAATGATAG GTTTGAATTC CCAGAGCAGT TACCACTTGA1500
TGAATTTTTG CAAAAAACAG ATCCTAAGGA CCCTGCAAAT TATATTCTTC ATGCAGTCCT1560
GGTTCATAGT GGAGATAATC ATGGTGGACA TTATGTGGTT TATCTAAACC CCAAAGGGGA1620
TGGCAAATGG TGTAAATTTG ATGACGACGT GGTGTCAAGG TGTACTAAAG AGGAAGCAAT1680
TGAGCACAAT TATGGGGGTC ACGATGACGA CCTGTCTGTT CGACACTGCA CTAATGCTTA1740
CATGTTAGTC TACATCAGGG AATCAAAACT GAGTGAAGTT TTACAGGCGG TCACCGACCA1800
TGATATTCCT CAGCAGTTGG TGGAGCGATT ACAAGAAGAG AAAAGGATCG AGGCTCAGAA1860
GCGGAAGGAG CGGCAGGAAG CCCATCTCTA TATGCAAGTG CAGATAGTCG CAGAGGACCA1920
GTTTTGTGGC CACCAAGGGA ATGACATGTA CGATGAAGAA AAAGTGAAAT ACACTGTGTT1980
CAAAGTATTG AAGAACTCCT CGCTTGCTGA GTTTGTTCAG AGCCTCTCTC AGACCATGGG2040
ATTTCCACAA GATCAAATTC GATTGTGGCC CATGCAAGCA AGGAGTAATG GAACAAAACG2100
ACCAGCAATG TTAGATAATG AAGCCGACGG CAATAAAACA ATGATTGAGC TCAGTGATAA2160
TGAAAACCCT TGGACAATAT TCCTGGAAAC AGTTGATCCC GAGCTGGCTG CTAGTGGAGC2220
GACCTTACCC AAGTTTGATA AAGATCATGA TGTAATGTTA TTTTTGAAGA TGTATGATCC2280
CAAAACGCGG AGCTTGAATT ACTGTGGGCA TATCTACACA CCAATATCCT GTAAAATACG2340
TGACTTGCTC CCAGTTATGT GTGACAGAGC AGGATTTATT CAAGATACTA GCCTTATCCT2400
CTATGAGGAA GTTAAACCGA ATTTAACAGA GAGAATTCAG GACTATGACG TGTCTCTTGA2460
TAAAGCCCTT GATGAACTAA TGGATGGTGA CATCATAGTA TTTCAGAAGG ATGACCCTGA2520
AAATGATAAC AGTGAATTAC CCACCGCAAA GGAGTATTTC CGAGATCTCT ACCACCGCGT2580
TGATGTCATT TTCTGTGATA AAACAATCCC TAATGATCCT GGATTTGTGG TTACGTTATC2640
AAATAGAATG AATTATTTTC AGGTTGCAAA GACAGTTGCA CAGAGGCTCA ACACAGATCC2700
AATGTTGCTG CAGTTTTTCA AGTCTCAAGG TTATAGGGAT GGCCCAGGTA ATCCTCTTAG2760
ACATAATTAT GAAGGTACTT TAAGAGATCT TCTACAGTTC TTCAAGCCTA GACAACCTAA2820
GAAACTTTAC TATCAGCAGC TTAAGATGAA AATCACAGAC TTTGAGAACA GGCGAAGTTT2880
TAAATGTATA TGGTTAAACA GCCAATTTAG GGAAGAGGAA ATAACACTAT ATCCAGACAA2940
GCATGGGTGT GTCCGGGACC TGTTAGAAGA ATGTAAAAAG GCCGTGGAGC TTGGGGAGAA3000
AGCATCAGGG AAACTTAGGC TGCTAGAAAT TGTAAGCTAC AAAATCATTG GTGTTCATCA3060
AGAAGATGAA CTATTAGAAT GTTTATCTCC TGCAACGAGC CGGACGTTTC GAATAGAGGA3120
AATCCCTTTG GACCAGGTGG ACATAGACAA AGAGAATGAG ATGCTTGTCA CAGTGGCGCA3180
TTTCCACAAA GAGGTCTTCG GAACGTTCGG AATCCCGTTT TTGCTGAGGA TACACCAGGG3240
CGAGCATTTT CGAGAAGTGA TGAAGCGAAT CCAGAGCCTG CTGGACATCC AGGAGAAGGA3300
GTTTGAGAAG TTTAAATTTG CAATTGTAAT GACGGGCCGA CACCAGTACA TAAATGAAGA3360
CGAGTATGAA GTAAATTTGA AAGACTTTGA GCCACAGCCC GGTAATATGT CTCATCCTCG3420
GCCTTGGCTA GGGCTCGACC ACTTCAACAA AGCCCCAAAG AGGAGTCGCT ACACTTACCT3480
TGAAAAGGCC ATTAAAATCC ATAACTGATT TCCAAGCTGG TGTGTTCAAG GCGAGGACGG3540
TGTGTGGGTG GCCCCTTAAC AGCCTAGAAC TTTGGTGCAC GTGCCCTCTA GCCGAAGTCT3600
TCAGCAAGAG GATTCGCTGC TGGTGTTAAT TTTATTTTAT TGAGGCTGTT CAGTTTGGCT3660
TCTCTGTATC TATTGACTGC CCTTTTTGAG CAAAATGAAG ATGTTTTTAT AAAGCTTGGA3720
TGCCAATGAG AGTTATTTTA TGGTAACCAC AGTGCAAGGC AACTGTCAGC GCAATGGGGG3780
AGAAGAGGTT AGTGGATCGG GGGTCCCTGG CTCAAGGTCT CTGGGCTGTC CCTAGTGGGC3840
ACGAGTGGCT CGGCTGCCTT CCTGGGGTCC CGTGCACCAG CCCTGCAGCT AGCAAGTCTT3900
GTGTTTAGGC TCGTCTGACC TATTTCCTTC AGTTATACTT TCAATGACCT TTTGTGCATC3960
TGTTAAGGCA AAACAGAGAA ACTCACAACC TAATAAATAG CGCTCTTCCC TTCAAAAAAA4020
AA                                                                4022
```

Name: 279 Len: 3403 Check: 7C5

178

```
CAGGTCTGAG GCGAAGCTAG GTGAGCCGTG GGAAGAAAAG AGGGAGCAGC TAGGGCGCGG   60
GTCTCCCTCC TCCCGGAGTT TGGAACGGCT GAAGTTCACC TTCCAGCCCC TAGCGCCGTT  120
CGCGCCGCTA GGCCTGGCTT CTGAGGCGGT TGCGGTGCTC GGTCGCCGCC TAAGCGGGGC  180
AGGGTGCGAA CAGGGGCTTC GGGCCACGCT TCTCTTGGCG ACAGGATTTT GCTGTGAAGT  240
CCGTCCGGGA AACGGAGGAA AAAAAGAGTT GCGGGAGGCT GTCTGCTAAT AACGGTTCTT  300
GATACATATT TGCCAGACTT CAAGATTTCA GAAAAGGGGT GAAAGAGAAG ATTGCAACTT  360
TGAGTCAGAC CTGTAGGCCT GATAGACTGA TTAAACCACA GAAGGTGACC TGCTGAGAAA  420
AGTGGTACAA ATACTGGGAA AAACCTGCTC TTCTGCGTTA AGTGGGAGAC AATGTCACAA  480
GTTAAAAGCT CTTATTCCTA TGATGCCCCC TCGGATTTCA TCAATTTTTC ATCCTTGGAT  540
GATGAAGGAG ATACTCAAAA CATAGATTCA TGGTTTGAGG AGAAGGCCAA TTTGGAGAAT  600
AAGTTACTGG GGAAGAATGG AACTGGAGGG CTTTTTCAGG GCAAAACTCC TTTGAGAAAG  660
GCTAATCTTC AGCAAGCTAT TGTCACACCT TTGAAACCAG TTGACAACAC TTACTACAAA  720
GAGGCAGAAA AAGAAAATCT TGTGGAACAA TCCATTCCGT CAAATGCTTG TTCTTCCCTG  780
GAAGTTGAGG CAGCCATATC AAGAAAAACT CCAGCCCAGC CTCAGAGAAG ATCTCTTAGG  840
CTTTCTGCTC AGAAGGATTT GGAACAGAAA GAAAAGCATC ATGTAAAAAT GAAAGCCAAG  900
AGATGTGCCA CTCCTGTAAT CATCGATGAA ATTCTACCCT CTAAGAAAAT GAAAGTTTCT  960
AACAACAAAA AGAAGCCAGA GGAAGAAGGC AGTGCTCATC AAGATACTGC TGAAAACAAT 1020
GCATCTTCCC CAGAGAAAGC CAAGGGTAGA CATACTGTGC CTTGTATGCC ACCTGCAAAG 1080
CAGAAGTTTC TAAAAAGTAC TGAGGAGCAA GAGCTGGAGA AGAGTATGAA AATGCAGCAA 1140
GAGGTGGTGG AGATGCGGAA AAAGAATGAA GAATTCAAGA AACTTGCTCT GGCTGGAATA 1200
GGGCAACCTG TGAAGAAATC AGTGAGCCAG GTCACCAAAT CAGTTGACTT CCACTTCCGC 1260
ACAGATGAGC GAATCAAACA ACATCCTAAG AACCAGGAGG AATATAAGGA AGTGAACTTT 1320
ACATCTGAAC TACGAAAGCA TCCTTCATCT CCTGCCCGAG TGACTAAGGG ATGTACCATT 1380
GTTAAGCCTT TCAACCTGTC CCAAGGAAAG AAAAGAACAT TTGATGAAAC AGTTTCTACA 1440
TATGTGCCCC TTGCACAGCA AGTTGAAGAC TTCCATAAAC GAACCCCTAA CAGATATCAT 1500
TTGAGGAGCA AGAAGGATGA TATTAACCTG TTACCCTCCA AATCTTCTGT GACCAAGATT 1560
TGCAGAGACC CACAGACTCC TGTACTGCAA ACCAAACACC GTGCACGGGC TGTGACCTGC 1620
AAAAGTACAG CAGAGCTGGA GGCTGAGGAG CTCGAGAAAT TGCAACAATA CAAATTCAAA 1680
GCACGTGAAC TTGATCCCAG AATACTTGAA GGTGGGCCCA TCTTGCCCAA GAAACCACCT 1740
GTGAAACCAC CCACCGAGCC TATTGGCTTT GATTTGGAAA TTGAGAAAAG AATCCAGGAG 1800
CGAGAATCAA AGAAGAAAAC AGAGGATGAA CACTTTGAAT TTCATTCCAG ACCTTGCCCT 1860
ACTAAGATTT TGGAAGATGT TGTGGGTGTT CCTGAAAAGA AGGTACTTCC AATCACCGTC 1920
CCCAAGTCAC CAGCCTTTGC ATTGAAGAAC AGAATTCGAA TGCCCACCAA AGAAGATGAG 1980
GAAGAGGACG AACCGGTAGT GATAAAAGCT CAACCTGTGC CACATTATGG GGTGCCTTTT 2040
AAGCCCCAAA TCCCAGAGGC AAGAACTGTG GAAATATGCC CTTTCTCGTT TGATTCTCGA 2100
GACAAAGAAC GTCAGTTACA GAAGGAGAAG AAAATAAAAG AACTGCAGAA AGGGGAGGTG 2160
CCCAAGTTCA AGGCACTTCC CTTGCCTCAT TTTGACACCA TTAACCTGCC AGAGAAGAAG 2220
GTAAAGAATG TGACCCAGAT TGAACCTTTC TGCTTGGAGA CTGACAGAAG AGGTGCTCTG 2280
AAGGCACAGA CTTGGAAGCA CCAGCTGGAA GAAGAACTGA GACAGCAGAA AGAAGCAGCT 2340
TGTTTCAAGG CTCGTCCAAA CACCGTCATC TCTCAGGAGC CCTTTGTTCC CAAGAAAGAG 2400
AAGAAATCAG TTGCTGAGGG CCTTTCTGGT TCTCTAGTTC AGGAACCTTT TCAGCTGGCT 2460
ACTGAGAAGA GAGCCAAAGA GCGGCAGGAG CTGGAGAAGA GAATGGCTGA GGTAGAAGCC 2520
CAGAAAGCCC AGCAGTTGGA GGAGGCCAGA CTACAGGAGG AAGAGCAGAA AAAAGAGGAG 2580
CTGGCCAGGC TACGGAGAGA ACTGGTGCAT AAGGCAAATC CAATACGCAA GTACCAGGGT 2640
CTGGAGATAA AGTCAAGTGA CCAGCCTCTG ACTGTGCCTG TATCTCCCAA ATTCTCCACT 2700
CGATTCCACT GCTAAACTCA GCTGTGAGCT GCGGATACCG CCCGGCAATG GGACCTGCTC 2760
TTAACCTCAA ACCTAGGACC GTCTTGCTTT GTCATTGGGC ATGGAGAGAA CCCATTTCTC 2820
CAGACTTTTA CCTACCCGTG CCTGAGAAAG CATACTTGAC AACTGTGGAC TCCAGTTTTG 2880
TTGAGAATTG TTTTCTTACA TTACTAAGGC TAATAATGAG ATGTAACTCA TGAATGTCTC 2940
GATTAGACTC CATGTAGTTA CTTCCTTTAA ACCATCAGCC GGCCTTTTAT ATGGGTCTTC 3000
ACTCTGACTA GAATTTAGTC TCTGTGTCAG CACAGTGTAA TCTCTATTGC TATTGCCCCT 3060
TACGACTCTC ACCCTCTCCC CACTTTTTTT AAAAATTTTA ACCAGAAAAT AAAGATAGTT 3120
AAATCCTAAG ATAGAGATTA AGTCATGGTT TAAATGAGGA ACAATCAGTA AATCAGATTC 3180
TGTCCTCTTC TCTGCATACC GTGAATTTAT AGTTAAGGAT CCCTTTGCTG TGAGGGTAGA 3240
AAACCTCACC AACTGCACCA GTGAGGAAGA AGACTGCGTG GATTCATGGG GAGCCTCACA 3300
GCAGCCACGC AGCAGGCTCT GGGTGGGGCT GCCGTTAAGG CACAGTTCTT TCCTTACTGG 3360
TGCTGATAAC AACAGGGAAC CGTGCAGTGT GCATTTTAAG ACC                    3403
Name: 28                  Len:   426  Check:     122C
 TTCGATTGTG GCCCATGCAA GCAAGGAGTA ATGGAACAAA ACGACCAGCA ATGTTAGATA 60
 ATGAAGCCGA CGNAATAAAA CAATGATTGA GCTCAGTGAT AATGAAAACC CTTGGACAAT 120
 ATTCCTGGAA ACAGTTGATC CCGAGCTGGC TGCTAGTGGA GCGACCTTAC CCAAGTTTGA 180
 TAAAGATCAT GATGTAATGT TATTTTTGAA GATGTATGAT CCCAAAACGC GGACTTTGAA 240
 TTACTGTGGG CATATCTACA CACCAATATC CTGTAAAATA CGTGACTTGC TCCCAGTTAT 300
```

179

GTGTGACAGA GCAGGATTTA TTCAAGATAC TAGCCTTTAT CCTCTATGGA GGAAGTTAAA360
CCGAATTTAA CAGAGAGAAT TCCAGGACTA TGACGTGTCT CCTTGATAAA GCCCCTTGAT420
GAACTA 426

Name: 280 Len: 6423 Check: 1EC4

GCTAGTGGAA GTTACTGCCG CGCCACCGAG TCCGGACCGG AGACTTTGGG GCCTAACTAG 60
TGAATGGTAG TGTCTAGAAA GGGTATGTCC CTTCAAGAGA GAGGTGCCAA TGTCCAACCG 120
GCCTAATAAC AATCCAGGGG GGTCACTGCG ACGTTCACAG AGGAACACTG CCGGGGCCCA 180
ACCACAAGAC GACTCAATAG GAGGAAGAAG CTGCAGTTCA TCATCTGCTG TGATAGTTCC 240
ACAACCAGAG GATCCAGACA GAGCCAATAC TTCAGAAAGA CAAAAAACGG GGCAGGTGCC 300
TAAGAAAGAC AATTCTCGAG GAGTGAAGCG CAGTGCTAGT CCAGACTACA ACAGGACCAA 360
TTCTCCTAGC TCTGCAAAAA AACCAAAAGC ACTTCAGCAT ACTGAATCTC CCTCAGAAAC 420
AAATAAGCCA CATAGTAAGT CAAAGAAGAG ACATTTAGAC CAGGAGCAAC AACTGAAATC 480
TGCACAATCA CCATCAACAA GCAAGGCTCA TACCAGGAAG AGTGGGGCCA CTGGCGGTTC 540
ACGGAGTCAG AAAAGAAAAA GGACAGAGAG TTCTTGTGTA AAGAGTGGCT CCGGGTCTGA 600
ATCAACTGGT GCAGAAGAGA GATCTGCGAA ACCTACCAAG CTGGCTTCAA AATCAGCCAC 660
CTCAGCCAAA GCTGGGTGTA GCACCATCAC TGATTCTTCT TCTGCTGCCT CTACTTCCTC 720
CTCGTCTTCT GCTGTAGCCT CGGCCTCCTC CACTGTACCA CCAGGTGCCA GAGTGAAACA 780
AGGAAAAGAT CAGAACAAGG CCAGGCGTTC CCGTTCAGCG TCCAGTCCCA GCCCCAGAAG 840
AAGTAGCAGG GAAAAGGAAC AGAGTAAAAC TGGTGGCTCT TCAAAATTTG ATTGGGCTGC 900
TCGTTTCAGC CCTAAAGTTA GCCTTCCTAA AACAAAACTG TCTCTTCCAG GGTCTTCTAA 960
GTCAGAGACA TCAAAACCTG GACCTTCTGG ATTACAGGCC AAATTAGCAA GTTTAAGAAA1020
ATCTACGAAG AAACGCAGTG AGTCTCCACC TGCTGAGCTC CCCAGTTTGA GGCGGAGCAC1080
ACGCCAAAAG ACCACGGGCT CCTGTGCTAG TACCAGTCGG CGAGGCTCTG GCCTGGGCAA1140
AAGAGGAGCA GCTGAAGCTC GTCGACAGGA GAAAATGGCA GACCCTGAAA GCAACCAGGA1200
GGCAGTAAAT TCTTCAGCTG CTCGGACAGA TGAAGCTCCC CAAGGAGCTG CAGGGGCTGT1260
TGGCATGACC ACCTCTGGGG AGAGTGAATC AGATGATTCC GAGATGGGAC GTTTGCAAGC1320
TTTGTTAGAG GCAAGGGGTC TTCCCCCTCA CCTATTTGGT CCTCTTGGTC CTCGGATGTC1380
ACAGCTTTTC CATAGAACAA TTGGAAGTGG AGCTAGTTCT AAGGCCCAGC AGCTACTACA1440
AGGATTGCAA GCCAGTGATG AAAGTCAACA GCTTCAGGCA GTTATTGAGA TGTGTCAGTT1500
ACTGGTCATG GGAAATGAGG AGACACTGGG AGGGTTTCCT GTCAAGAGTG TTGTTCCAGC1560
TTTGATTACG TTACTTCAGA TGGAGCACAA TTTTGATATT ATGAACCATG CTTGTCGAGC1620
CTTAACATAC ATGATGGAAG CACTTCCTCG ATCTTCTGCT GTTGTAGTAG ATGCTATTCC1680
TGTCTTTTTA GAAAAGCTGC AAGTTATTCA GTGTATTGAT GTGGCAGAGC AGGCCTTGAC1740
TGCCTTGGAG ATGTTGTCAC GGAGACATAG TAAAGCCATT CTACAGGCGG GTGGTTTGGC1800
AGACTGCTTG CTGTACCTAG AATTCTTCAG CATAAATGCC CAAAGAAATG CATTAGCAAT1860
TGCAGCTAAT TGCTGCCAGA GTATCACGCC AGATGAATTT CATTTTGTGG CAGATTCACT1920
CCCATTGCTA ACCCAAAGGC TAACACATCA GGATAAAAAG TCAGTAGAAA GCACTTGCCT1980
TTGTTTTGCA CGCCTAGTGG ACAACTTCCA GCATGAGGAG AATTTACTCC AGCAGGTTGC2040
TTCCAAAGAT CTGCTTACAA ATGTTCAACA GCTGTTGGTA GTGACTCCAC CCATTTTAAG2100
TTCTGGGATG TTTATAATGG TGGTTCGCAT GTTTTCTCTG ATGTGTTCCA ACTGTCCAAC2160
TTTAGCTGTT CAACTTATGA AACAAAACAT TGCAGAAACG CTTCACTTTC TCCTGTGTGG2220
TGCCTCCAAT GGAAGTTGTC AGGAACAGAT TGATCTTGTT CCACGAAGCC CTCAAGAGTT2280
GTATGAACTG ACATCTCTGA TTTGTGAACT TATGCCATGT TTACCAAAAG AAGGCATTTT2340
TGCAGTTGAT ACCATGTTGA AGAAGGGAAA TGCACAGAAC ACAGATGGTG CGATATGGCA2400
GTGGCGTGAT GATCGGGGCC TCTGGCATCC ATATAACAGG ATTGACAGCC GGATCATTGA2460
GCAAATCAAT GAGGACACGG GAACAGCACG TGCCATTCAG AGAAAACCTA ACCCGTTAGC2520
CAATAGTAAC ACTAGTGGAT ATTCAGAGTC AAAGAAGGAT GATGCTCGAG CACAGCTTAT2580
GAAAGAGGAT CCGGAACTGG CTAAGTCTTT TATTAAGACA TTATTTGGTG TTCTTTATGA2640
AGTGTATAGT TCCTCAGCAG GACCTGCGGT CAGACATAAG TGCCTTAGAG CAATTCTTAG2700
GATAATTTAT TTTGCGGATG CTGAACTTCT GAAGGATGTT CTGAAAAATC ATGCTGTTTC2760
AAGTCACATT GCTTCCATGC TGTCAAGCCA AGACCTGAAG ATAGTAGTGG GAGCACTTCA2820
GATGGCAGAA ATTTTAATGC AGAAGTTACC TGATATTTTT AGTGTTTACT TCAGAAGAGA2880
AGGTGTAATG CATCAAGTAA AACACTTAGC AGAATCAGAG TCTTTGTTGA CAAGTCCACC2940
AAAGGCATGT ACGAATGGAT CGGGATCCAT GGGATCCACA ACTTCAGTCA GCAGTGGGAC3000
AGCCACAGCT GCCACTCATG CTGCAGCTGA CTTGGGATCA CCCAGCTTGC AGCACAGCAG3060
GGATGATTCT TTAGATCTCA GCCCTCAAGG TCGATTAAGT GATGTTCTAA AGAGAAAACG3120
ACTGCCAAAA CGAGGGCCAA GAAGGCCAAA GTACTCACCT CCAAGAGATG ATGACAAAGT3180
AGACAATCAA GCTAAAAGCC CCACCACTAC TCAGTCACCT AAATCTTCTT TCCTGGCAAG3240
CTTGAATCCA AAAACATGGG GAAGGTTAAG TACACAGTCC AACAGCAACA ACATTGAGCC3300
AGCACGGACT GCGGGAGGTA GTGGCCTTGC CAGGGCTGCC TCAAAGGATA CCATCTCCAA3360
TAATAGAGAA AAAATTAAAG GTTGGATTAA GGAGCAGGCA CATAAATTTG TAGAACGTTA3420
TTTCAGTTCT GAGAATATGG ATGGAAGCAA CCCTGCATTG AATGTCCTTC AGAGACTTTG3480
TGCTGCAACC GAACAACTCA ACCTCCAGGT GGATGGTGGA GCTGAGTGCC TTGTAGAAAT3540

180

CCGTAGCATA GTCTCAGAGT CAGATGTTTC ATCATTTGAA ATCCAACATA GTGGATTTGT3600
GAAGCAGCTG TTGCTTTATT TGACATCTAA AAGTGAAAAG GATGCTGTGA GCAGAGAGAT3660
CAGATTAAAG CGATTTCTTC ATGTATTTTT TTCTTCTCCA CTTCCTGGAG AAGAGCCCAT3720
TGGAAGAGTG GAACCAGTGG GTAATGCACC TTTGTTGGCA TTAGTTCACA AGATGAACAA3780
CTGCCTCAGC CAGATGGAAC AATTTCCAGT CAAAGTACAT GATTTCCCTA GTGGAAATGG3840
GACAGGAGGC AGCTTTTCTC TCAACAGAGG ATCACAGGCT TTAAAATTTT TCAACACACA3900
TCAATTAAAA TGCCAGTTAC AAAGGCATCC AGACTGTGCA AATGTGAAGC AGTGGAAGGG3960
TGGACCTGTC AAGATTGACC CTCTGGCTTT GGTACAAGCC ATCGAGAGAT ACCTTGTAGT4020
TAGAGGGTAT GGAAGAGTAA GAGAAGATGA TGAAGACAGC GATGACGATG GATCAGATGA4080
GGAAATAGAT GAGTCTCTGG CTGCTCAGTT CCTAAATTCA GGAAATGTAA GACACAGGCT4140
GCAGTTTTAT ATTGGAGAAC ATTTGCTGCC GTATAACATG ACTGTGTATC AGGCAGTACG4200
GCAGTTTAGT ATACAGGCTG AAGATGAAAG AGAATCCACA GATGATGAGA GCAATCCTCT4260
AGGCAGAGCT GGTATTTGGA CAAAGACTCA TACAATATGG TATAAACCTG TGAGAGAGGA4320
TGAAGAAAGT AATAAAGATT GTGTTGGTGG TAAAAGAGGA AGAGCCCAAA CAGCTCCAAC4380
GAAAACTTCC CCTAGAAATG CAAAAAAGCA TGATGAGTTA TGGCACGATG GAGTGTGCCC4440
ATCAGTATCA AATCCTTTAG AAGTTTACCT CATTCCCACA CCACCTGAAA ATATAACATT4500
TGAAGACCCG TCATTAGATG TGATCCTTCT TTTAAGAGTT TTACATGCTA TCAGTCGATA4560
CTGGTATTAC TTGTATGATA ATGCAATGTG CAAGGAAATT ATTCCAACTA GTGAATTTAT4620
TAACAGTAAG TTAACAGCAA AAGCAAATAG GCAACTTCAA GATCCTTTAG TAATCATGAC4680
AGGAAACATC CCAACATGGC TTACTGAGCT AGGAAAAACC TGCCCATTTT TCTTTCCTTT4740
TGATACCCGG CAAATGCTTT TTTATGTAAC TGCATTTGAT CGGGACCGAG CAATGCAAAG4800
ATTACTTGAT ACCAACCCAG AAATCAACCA GTCTGATTCT CAAGATAGCA GAGTTGCACC4860
TAGATTGGAT AGAAAAAAAC GTACTGTGAA CCGAGAGGAG CTGCTGAAAC AGGCGGAGTC4920
TGTGATGCAG GACCTCGGCA GCTCACGGGC CATGTTAGAA ATCCAGTATG AAAATGAGGT4980
TGGTACAGGT CTTGGGCCTA CACTGGAGTT TTATGCGCTT GTATCTCAGG AACTACAGAG5040
AGCTGACTTG GGTCTTTGGA GAGGTGAAGA AGTAACTCTT AGCAATCCAA AAGGGAGCCA5100
AGAAGGGACC AAGTATATTC AAAACCTCCA GGGCCTGTTT GCGCTTCCCT TTGGTAGGAC5160
AGCAAAGCCA GCTCATATCG CAAAGGTTAA GATGAAGTTT CGCTTCTTAG GAAAATTAAT5220
GGCCAAGGCT ATCATGGATT TCAGATTGGT GGACCTTCCC CTTGGCTTAC CCTTTTATAA5280
ATGGATGCTA CGGCAAGAAA CTTCACTGAC ATCACACGAT TTGTTTGACA TCGACCCAGT5340
TGTAGCCAGA TCAGTTTATC ACCTAGAAGA CATTGTCAGA CAGAAGAAAA GACTTGAACA5400
AGATAAATCC CAGACCAAAG AGAGTCTACA GTATGCATTA GAAACCTTGA CTATGAATGG5460
CTGCTCAGTT GAAGATCTAG GACTGGATTT CACTCTGCCA GGGTTTCCCA ATATCGAACT5520
GAAGAAAGGA GGGAAGGATA TACCAGTCAC TATCCACAAT TTAGAGGAGT ATCTAAGACT5580
GGTTATATTC TGGGCACTAA ATGAAGGCGT TTCTAGGCAA TTTGATTCGT TCAGAGATGG5640
ATTTGAATCA GTCTTCCCAC TCAGTCATCT TCAGTACTTC TACCCGGAGG AACTGGATCA5700
GCTCCTTTGT GGCAGTAAAG CAGACACTTG GGATGCAAAG ACACTGATGG AATGCTGTAG5760
GCCTGATCAT GGTTATACTC ATGACAGTCG GGCTGTGAAG TTTTTGTTTG AGATTCTCAG5820
TAGTTTTGAT AATGAGCAGC AGAGGTTATT TCTCCAGTTT GTGACTGGTA GCCCAAGATT5880
GCCTGTTGGA GGATTCCGGA GTTTGAATCC ACCTTTGACA ATTGTCCGAA AGACGTTTGA5940
ATCAACAGAA AACCCAGATG ACTTCTTGCC CTCTGTAATG ACTTGTGTGA ACTATCTTAA6000
GTTGCCGGAC TATTCAAGCA TTGAGATAAT GCGTGAAAAA CTGTTGATAG CAGCAAGAGA6060
AGGGCAGCAG TCGTTCCATC TTTCCTGATT ATAGCAAGAA ATGCAGTGTC TGCCTGTTAC6120
AGCAAAAGAA ACAAATCATG ATTTCTTTTC TAATGTTATC ACCTGAGTCA AGGAAACATG6180
TTACGCCTTC TTGTTGTAGG AAAAACGGCT TGCAGATTAT AAAGAGACAT TTGGTTGATA6240
TTCATTAATG GCCCCATGGA CTTAAAGTGA TCAGGCCCTA AAACGTTGTT GTGATGAGGT6300
TTCTTTAGCA AGTTCTTGTT TAAATTATCA TTTATTTGAT GAGTGAAGTT TTTAACATGC6360
TTTGCTGTGT GAAATTTAAA AAAGGGATGT TTTTCCAGGC TGGAACAATA AATGTGGCTG6420
TGCAGTTT 6428

Name: 281 Len: 1266 Check: 1DDC

GCCGGTCGGA GGGCTCCTAG TGCGCCAGGT TGTGGGAAGT GAGGCTGGCG GTGGCGACAA 60
CCGAGGAGGA GGGGCGGGAC GGTGGAGCAC GGACCGGCTG AGCGTCATGG AGGGCTCAGG 120
GGAGCAGCCG GGCCCACAAC CACAGCATCC CGGAGACCAC CGCATCCGCG ACGGCGACTT 180
CGTGGTGCTG AAACGTGAAG ATGTGTTTAA AGCAGTACAA GTCCAGCGGA GAAAAAAAGT 240
AACTTTCGAA AAACAGTGGT TCTACCTGGA TAACGTCATT GGCCATAGTT ATGGAACTGC 300
ATTTGAAGTG ACCAGTGGAG GAAGTCTACA GCCCAAGAAG AAGAGGGAAG AGCCTACTGC 360
AGAGACTAAA GAAGCGGGCA CTGATAATCG AAATATAGTT GATGATGGGA AATCTCAGAA 420
ACTTACTCAA GATGACATAA AAGCTTTGAA GGACAAGGGC ATTAAAGGAG AGGAAATAGT 480
TCAGCAGTTA ATTGAAAATA GTACAACATT CCGAGACAAG ACAGAATTTG CCCAAGATAA 540
ATATATTAAA AAGAAGAAAA AAAAATATGA AGCCATCATT ACTGTTGTGA AGCCATCCAC 600
CCGTATTCTT TCAATTATGT ATTATGCAAG AGAACCTGGA AAAATTAACC ACATGAGATA 660
CGATACACTA GCCCAGATGT TGACGTTGGG AAATATCCGT GCTGGCAACA AAATGATTGT 720
GATGGAAACG TGTGCAGGCT TGGTGCTGGG TGCAATGATG GAACGAATGG GAGGTTTTGG 780

187

CTCCATTATT CAGCTATACC CTGGAGGAGG ACCTGTTCGG GCAGCAACAG CATGTTTTGG 840
ATTTCCCAAA TCTTTTCTCA GTGGTCTTTA TGAATTCCCT CTCAACAAAG TGGACAGTCT 900
TCTACATGGA ACATTTTCTG CCAAGATGTT ATCTTCAGAG CCAAAAGACA GTGCTTTGGT 960
TGAAGAAAGT AATGGCACAC TGGAGGAAAA ACAGGCTTCT GGGCAAGAGA ATGAAGACAG1020
CATGGCAGAG GCCCCAGAGA GCAACCACCC AGAAGACCAG GGAAACAATG GAAACAATTT1080
CTCAAGATCC AGAACATAAG GGGCCTAAAG AGAGAGGAAG CAAAAAAGAT TATATTTCAG1140
GGAAAAACAG AGGGAGACAA GGAAGGAGCA GCGGAAAAGA CTTTTGGGGC TGCCGTTTTG1200
CTTGAGTTGA AAGGAAACGC CGATGGTTTT ATTTGTTAGC TTGTTCTTTT CCACCCCCAT1260
TCTCCT 1266

Name: 282 Len: 3962 Check: E05

AGGAATTCCG GTGAGCTGAG CGCGGCGCGC GGCCGGGCCG GGGAGCGGGC GCGCCGGCGG 60
CCTCAGCATG GAGGACGGCT TCTCCAGCTA CAGCAGCCTG TACGACACGT CCTCGCTGCT 120
CCAGTTCTGC AACGATGACA GCGCTTCTGC TGCAAGTAGC ATGGAGGTGA CAGACCGCAT 180
TGCTTCACTG GAGCAGAGAG TCCAGATGCA AGAAGACGAC ATCCAGCTGC TCAAATCAGC 240
TCTAGCTGAT GTGGTTCGGC GGCTGAACAT TACTGAGGAA CAGCAGGCCG TGCTTAACAG 300
GAAAGGACCT ACCAAAGCAA GACCACTGAT GCAGACCCTG CCTTTTAGAT CCACGGTCAA 360
CAATGGCACT GTGTTACCAA AGATACCTAC TGGCTCTCTA CCATCCCCCT CCGGGTTCAG 420
GAAAGATACT GCTGTGCCAG CAACCAAAAG TAACATCAAG AGGACCAGCT CTTCTGAACG 480
AGTGTCTCCT GGGGGTCGAA GGGAAAGCAA TGGGGATTCC AGAGGAAACC GGAATCGCAC 540
AGGCTCCACC AGCAGCTCTT CCAGTGGCAA AAAAGAACAG TGAAAGCAAA CCCAAGGAGC 600
CTGTATTCAG TGCAGAAGAA GGCTATGTAA AATTGTTTCT TCGTGGACGC CCTGTTACCA 660
TGTACATGCC CAAAGATCAA GTGGATTCTT ACAGCTTGGA AGCAAAAGTA GAACTTCCAA 720
CCAAGAGACT CAAGCTGGAA TGGGTCTATG GGTACAGGGG TCGAGACTGC CGTAACAACC 780
TGTACTTGCT TCCGACGGGA GAGACCGTCT ACTTCATCGC ATCCGTGGTG GTGTTATACA 840
ACGTGGAGGA GCAACTGCAG AGGCATTACG CTGGCCACAA CGATGACGTG AAGTGCCTAG 900
CAGTTCATCC TGATCGGATC ACGATAGCAA CAGGACAAGT TGCGGGCACA TCGAAGGATG 960
GAAAACAATT GCCCCCACAT GTGCGCATCT GGGATTCTGT GACATTGAAT ACTCTCCACG1020
TCATTGGAAT AGGTTTTTTT GACCGAGCAG TCACCTGTAT TGCATTCTCA AAATCTAATG1080
GAGGAACCAA TCTCTGTGCT GTGGATGACT CCAACGACCA TGTGCTCTCT GTATGGGACT1140
GGCAGAAAGA AGAAAAACTA GCAGATGTGA AGTGCTCTAA TGAAGCTGTG TTTGCTGCGG1200
ATTTCCACCC CACGGACACC AACATCATAG TTACTTGTGG AGAAATCACA TCTCTACTTT1260
TGGACACTAG AAGGAAGCTC CCATTAATAA GAAGCAAGGA TTATTCGAGA ACAAGAAAAG1320
CCAAAGTTGT CCTCTGTGTG ACTTTCTCTG AAAACGGTGA CACCATTACT GGAGATTCAA1380
GTGGCAACAT CTTAGTATGG GGAAAAGGTA CAAATCGAAT AAGCTATGCA GTTCAGGGGG1440
CCCATGAGGG TGGCATTTCT CCACTTTGTA TGTTAAGAGA TGGCACACTG GTGTCGGGAG1500
GTGGGAAAGA CCGAAAGCTC ATTTCTTGGA GCGGAAACTA TCAAAAACTT CGTAAAACGG1560
AGATTCCAGA ACAGTTTGGT CCAATACGGA CAGTGGCCGA GGGGAAAGGC GATGTGATCT1620
TGATTGGCAC AACTCGAAAC TTTGTCCTGC AGGGCACTCT GTCAGGGGAC TTCACACCCA1680
TTACTCAGGG TCACACTGAT GAGCTCTGGG GACTGGCCAT CCATGCCTCA AAACCTCAGT1740
TCTTGACCTG TGGGCATGAC AAGCATGCCA CTCTCTGGGA CGCTGTGGGT CACCGTCCCG1800
TCTGGGACAA AATAATAGAG GATCCAGCTC AGTCTTCTGG TTTTCATCCT TCAGGGTCTG1860
TGGTTGCAGT CGGAACACTC ACTGGGAGGT GGTTTGTGTT TGACACAGAA ACAAAAGACT1920
TGGTCACCGT TCACACAGAT GGAAACGAAC AGCTCTCTGT AATGCGATAC TCACCAGATG1980
GGAATTTCTT AGCCATAGGC TCACATGACA ACTGCATCTA TATATATGGC GTTAGTGACA2040
ACGGGAGGAA GTACACGCGA GTGGGCAAGT GCTCGGGTCA TTCCAGCTTC ATTACTCACC2100
TGGACTGGTC TGTAAACTCA CAGTTCCTCG TGTCAAATTC CGGAGACTAC GAAATCCTCT2160
ACTGGGTTCC CTCTGCCTGT AAGCAAGTCG TAAGTGTGGA AACTACAAGA GACATTGAAT2220
GGGCTACCTA TACCTGCACT TTGGGATTCC ATGTTTTTGG AGTGTGGCCA GAAGGCTCGG2280
ACGGAACCGA CATCAATGCC GTCTGTCGGG CCCATGAGAA GAAACTCCTG TCAACAGGCG2340
ACGACTTTGG CAAAGTGCAC CTCTTCTCAT ACCCCTGCTC GCAGTTCAGG GCTCCAAGCC2400
ACATCTACGG CGGGCACAGC AGCCATGTCA CCAATGTCGA TTTCCTCTGT GAAGACAGCC2460
ACCTCATCTC CACGGGCGGG AAAGACACAA GCATCATGCA GTGGCGCGTC ATTTAGTACC2520
CACCGAGAGC TGTGGGGAGC AGCATGGGCA AGGAAGACAC AGACTCGCAT TACCCTTGGT2580
CACTGTGATT TCTGTTTTGT TTAAAAAATT CTTACAAACC TCAGGAAAAC TGTGCCCTCC2640
GCCGGCTACC TTAGCTTAGC GTGTCAGCGG GCGCCACAGC GGAATCAGCG GTTCCGTGTT2700
CACTTTTGTT GTACAATATA TGACACAGTG CACATTGAAT ACCAACAAGG TTGCAACGTT2760
TACATTATAG CCACATCAAC AGAAGTAACT GGGTATATTC TTAGTAACTT TTCTATGGAA2820
CTCTTCAAAA ATGGGTCACA GGATGGCCTT TTAAAACATT GTATATTATC TTCACTGTTT2880
TCACCTTTTA GGTTGCTAAG TTCAATATTT GTGATGATAA TGAGGTACTG AACCACGATG2940
GCTGTTGAGG AATTGGTCCT AAAAGGACAG ATCACTTCAG AAGAGTGAAT AACTGATTTG3000
CACAGCTGAA TCAGGAGACA CAAAGATGAG ACTGTGTTTG GTTACATTTT CCAAAGTTTC3060
ATTGCATTCT CCCTTGGGGA GGCTGTGAGA GAGGGCTTGT ATCCCTCTTG TGCTAAGCAG3120
ACTCTACTCC TAACTGACTT CAATATTTCA GCAGGGTACA CAGGCGTTTC CAAGTTTCAG3180

182

TGACACCGTC CTGCCTAACC AGATGCGGTC AGCCTCTTCA CACCCACCTG GCTTGCATCC3240
CCCATCCCTT GTTCACACGC CCTGATTCAC GGTGAGACAT TTTGCCACCT TCTTGTGTAT3300
ATTACTTGGC ATGAGATGAT ATTGTACTTG TATAGGATTC TAGCAATTCA TAATAAATAT3360
GTAAGACTAG GCTTTACTGT CTTATGCTTA TGGACATTGT ATATTTGTAT TTTATGACCA3420
AGTAGACCAA GTCAGAAAGA TCTCTCTCGA GCGCACCATA AACCTGCAGA GAGAAGTCTC3480
GAAAGGCTCC ACCAAGGTAC CAAGGGCAGC TGCTTTTCCT GTCTTTTGTG CATGGGCGAC3540
CCATTACAGT ATGAGATAAG ATTGAGTTCT GATGCGTTAA ACGGAGGTGG CAGAAATTTG3600
TCAAGAAGGC CTTATCCATT TCGATTGTGT GACAGATTGA AATTTATTGT TTACATTGGG3660
GAATGTATCT CAAATTTTTA AATAGAAGAG TAATAAACAG ACTTTAAAGC AAATATTAAG3720
ATTTTTACTC ATTCAAGGCA AGTAAATGAA TGGAATTATC TGAGCTCTAT GGCACTGGTT3780
GTTTAGAGTG ACTGATGAAG TGCACCTTTC AAAAACATTT TTGATGCCAT CACCAGCCTA3840
CTGCAGAAGT GCAGGGCACA GTAAACACCA TGTATTATTG AAGATGATCT GTTTTGTATG3900
TATCCTTGTC AAATATATTC TATAATGGAA TAAAAAATCC TGGAAAGTGG GGGTTTCCTT3960
AA 3962

Name: 283 Len: 1687 Check: 82D

ATGGATGGAT TTTATGACCA GCAAGTGCCT TACATGGTCA CCAATAGTCA GCGTGGGAGA 60
AATTGTAACG AGAAACCAAC AAATGTCAGG AAAAGAAAAT TCATTAACAG AGATCTGGCT 120
CATGATTCAG AAGAACTCTT TCAAGATCTA AGTCAATTAC AGGAAACATG GCTTGCAGAA 180
GCTCAGGTAC CTGACAATGA TGAGCAGTTT GTACCAGACT ATCAGGCTGA AAGTTTGGCT 240
TTTCATGGCC TGCCACTGAA AATCAAGAAA GAACCCCACA GTCCATGTTC AGAAATCAGC 300
TCTGCCTGCA GTCAAGAACA GCCCTTTAAA TTCAGCTATG GAGAAAAGTC CCTGTACAAT 360
GTCAGTGCCT ATGATCAGAA CCCACAAGTG GGAATGAGGC CCTCCAACCC CCCCACACCA 420
TCCAGCACGC CAGTGTCCCC ACTGCATCAT GCATCTCCAA ACTCAACTCA TACACCGAAA 480
CCTGACCGGG CCTTCCCAGC TCACCTCCCT CCATCGCAGT CCATACCAGA TAGCAGCTAC 540
CCCATGGACC ACAGATTTCG CCGCCAGCTT TCTGAACCCT GTAACTCCTT TCCTCCTTTG 600
CCGACGATGC CAAGGGAAGG ACGTCCTATG TACCAACGCC AGATGTCTGA GCCAAACATC 660
CCCTTCCCAC CACAAGGCTT TAAGCAGGAG TACCACGACC CAGTGTATGA ACACAACACC 720
ATGGTTGGCA GTGCGGCCAG CCAAAGCTTT CCCCCTCCTC TGATGATTAA ACAGGAACCC 780
AGAGATTTTG CATATGACTC AGAAGTGCCT AGCTGCCACT CCATTTATAT GAGGCAAGAA 840
GGCTTCCTGG CTCATCCCAG CAGAACAGAA GGCTGTATGT TTGAAAAGGG CCCCAGGCAG 900
TTTTATGATG ACACCTGTGT TGTCCCAGAA AAATTCGATG GAGACATCAA ACAAGAGCCA 960
GGAATGTATC GGGAAGGACC CACATACCAA CGGCGAGGAT CACTTCAGCT CTGGCAGTTT1020
TTGGTAGCTC TTCTGGATGA CCCTTCAAAT TCTCATTTTA TTGCCTGGAC TGGTCGAGGC1080
ATGGAATTTA AACTGATTGA GCCTGAAGAG GTGGCCCGAC GTTGGGGCAT TCAGAAAAAC1140
AGGCCAGCTA TGAACTATGA TAAACTTAGC CGTTCACTCC GCTATTACTA TGAGAAAGGA1200
ATTATGCAAA AGGTGGCTGG AGAGAGATAT GTCTACAAGT TTGTGTGTGA TCCAGAAGCC1260
CTTTTCTCCA TGGCCTTTCC AGATAATCAG CGTCCACTGC TGAAGACAGA CATGGAACGT1320
CACATCAACG AGGAGGACAC AGTGCCTCTT TCTCACTTTG ATGAGAGCAT GGCCTACATG1380
CCGGAAGGGG GCTGCTGCAA CCCCCACCCC TACAACGAAG GCTACGTGTA TTAACACAAG1440
TGACAGTCAA GCAGGGCGTT TTTTGCGCTT TTCCTTTTTT CTGCAAGATA CAGAGAATTG1500
CTGAATCTTT GTTTTATTTC TGTTGTTGAT ATTTATTTTT AAATAATAAT ACACAAAAAG1560
GGGCTTTTCC TGTTGCATTA TTCTATGGTC TGCCATGGAC TGTGCACTTT ATTTGAGGGT1620
GGGTGGGAGT AATCTAAACA TTTATTCTGT GTAACAGGAA GCTAATGGGT GAATGGGCAG1680
AGGGATT 1687

Name: 284 Len: 3787 Check: 1213

GCGGCCGCTC GGCGGCCGGG GGTCCCTTCG GTGGGGCCGC GGCTCCCCGC CCGCCGCCCC 60
CGCGCGTCCA TTCGCTTTGT GTCCCGCGCG CGGCCGGGCC CCCCGCGCAC TCTCAGCCCT 120
GCGCCCCGCG GCCCGGCGGG CGGCTCCCGG CGCGGCCCCA GCAGCCCGCG CCGGCATTGT 180
GTGGACGCGC CCGGCCGCGA GCGCGCGCGC GGGCCCTGCC GAGCGCCCCC GGCCCCGTCC 240
GCTCCGGCCG CGGCGCCCGC GCCCGCCGCC CCCGCCGCCC TCGCCGCGCG GCCCCCGGCC 300
CGGCCCGGCC CGACCCGGGC AGCGCAGCGG CGGGGCGAGC GGCGGCGCGG CAACATGGCG 360
ACGGTGCCCG TGTACTGCGT CTGCCGGCTG CCCTACGACG TTACCCGCTT TATGATCGAG 420
TGCGATGCCT GCAAGGACTG GTTCCACGGC AGCTGTGTTG GGGTGGAAGA GGAAGAGGCA 480
CCAGACATCG ACATTTACCA CTGCCCGAAC TGCGAGAAAA CCCATGGCAA GTCCACACTC 540
AAGAAAAAGC GGACTTGGCA CAAACACGGC CCTGGGCCAA CACCGGACGT GAAACCAGTG 600
CAGAATGGCA GTCAGCTGTT CATCAAGGAG CTGCGGAGCC GAACCTTCCC CAGTGCTGAA 660
GACGTGGTGT CCCGTGTGCC AGGTAGCCAG CTCACCGTGG GCTACATGGA GGAGCATGGC 720
TTCACTGAGC CCATCCTTGT CCCCAAGAAA GATGGCCTGG GCTTAGCTGT CCCTGCCCCA 780
ACATTCTACG TGAGTGACGT CGAGAACTAC GTGGGGCCGG AACGGAGTGT GGATGTGACA 840
GATGTCACCA AGCAGAAGGA CTGCAAGATG AAGCTGAAGG AGTTTGTGGA CTATTACTAC 900
AGCACCAACC GCAAGCGGGT CCTCAACGTC ACCAACCTCG AGTTCTCTGA CACCCGAATG 960
TCCAGCTTCG TGGAGCCACC TGACATTGTA AAGAAACTGT CATGGGTAGA AAACTACTGG1020
CCAGATGATG CATTGCTGGC CAAGCCCAAA GTGACCAAGT ACTGCCTAAT CTGCGTGAAG1080

183

GACAGTTACA CCGACTTCCA CATCGACTCT GGGGGCGCCT CTGCCTGGTA CCACGTGCTC1140
AAGGGGGAGA AGACCTTCTA TCTCATCAGG CCGGCCTCGG CCAACATCTC CCTGTATGAG1200
CGCTGGCGGT CTGCCTCTAA CCACAGCGAG ATGTTCTTTG CTGACCAGGT CGACAAATGC1260
TACAAGTGCA TCGTCAAGCA GGGCCAGACC CTCTTCATCC CCTCAGGCTG GATCTACGCC1320
ACACTCACCC CTGTGGACTG CCTGGCCTTC GCGGGACATT TCCTCCACAG CCTGAGTGTG1380
GAGATGCAGA TGAGAGCATA CGAGGTGGAA AGGAGGTTGA AACTTGGCAG CCTGACTCAG1440
TTTCCCAACT TTGAAACTGC GTGCTGGTAC ATGGGAAAGC ACCTATTGGA GGCGTTCAAA1500
GGTTCTCACA AGTCTGGGAA GCAGCTGCCC CCACATCTAG TCCAAGGAGC TAAAATTCTC1560
AATGGTGCTT TCCGATCGTG GACGAAGAAG CAGGCTTTGG CAGAGCATGA GGACGAGCTC1620
CCGGAGCACT TCAAACCTTC ACAGCTAATC AAGGACCTGG CCAAAGAGAT CCGGCTCAGT1680
GAGAATGCCT CCAAAGCCGT CCGACCGGAA GTGAATACTG TCGCCTCGTC AGATGAGGTG1740
TGTGACGGGG ACCGGGAGAA GGAGGAGCCC CCGTCTCCCA TTGAGGCCAC CCCGCCTCAA1800
TCCCTCCTGG AGAAAGTGTC CAAAAAAAAG ACTCCCAAAA CTGTGAAGAT GCCCAAGCCA1860
TCCAAAATCC CCAAGCCCCC GAAGCCCCCT AAGCCCCCAA GGCCCCCCAA AACGCTGAAG1920
CTCAAAGATG GAGGCAAGAA GAAAGGGAAG AAGTCCCGGG AGTCAGCCTC ACCCACCATC1980
CCCAACCTGG ACCTGCTCGA AGCCCACACC AAGGAGGCAC TGACCAAGAT GGAGCCGCCC2040
AAGAAGGGCA AGGCCACAAA GAGTGTCCTG AGTGTGCCCA ACAAAGATGT GGTTCACATG2100
CAGAATGATG TGGAGAGGCT GGAAATTCGA GAGCAAACAA AGAGCAAGTC AGAAGCCAAG2160
TGGAAATACA AGAACAGCAA ACCTGACTCG TTACTGAAGA TGGAGGAGGA GCAGAGGCTG2220
GAGAAGTCGC CCCTGGCTGG GAACAAGGAC AAGTTTTCCT TTCTTTCTC CAACAGAAAA2280
CTCCTGGGCT CCAAGGCCCT CAGGCCCCCG AGCAGCCCTG GTGTGTTCGG CGCCTTGCAG2340
AGCTTCAAGG AGGACAAGGC CAAGCCCGTG CGCGATGAGT ATGAGTACGT ATCAGATGAT2400
GGGGAGCTGA AGATAGACGA GTTTCCCATC AGGAGGAAGA AGAGCGCCCC CAAAAGGGAC2460
TTGTCCTTCT TGTTAGACAA GAAGGAGGCT CTCCTCATGC CCACCTCGAA GCCAAAGCTG2520
GATTCTGCGG TGTACAAGAG CGATGACTCC TCTGACGAGG GCTCTCTGCA CATCGACACG2580
GACACCAAGC CAGGCAGAAA TGCCAAAGTG AAGAAGGAGA GTGGGAGCTC CGCGGCCGGC2640
ATCCTGGACC TGCTGCAGGC CAGCGAGGAG GTTGGCGCAC TCGAGTACAA CCCCAACAGC2700
CAGCCCCCTG CCTCCCCCAG CACACAGGAA GCCATTCAGG GAATGCTCTC CATGGCCAAT2760
CTGCAGGCCT CTGACTCTTG CCTGCAGACC ACATGGGGCA CGGGGCAGGC CAAGGGTGGC2820
TCACTGGCAG CCCATGGTGC CCGGAAGATT GGTGGTGGCA ACAAAGGCAC AGGCAAGCGC2880
CTGCTGAAGA GGACTGCCAA GAACAGTGTG GATCTGGAGG ACTACGAGGA GCAGGATCAC2940
CTGGATGCCT GCTTCAAGGA CTCAGACTAT GTTTACCCCT CACTGGAGTC TGACGAAGAT3000
AACCCCGTCT TCAAGTCCCG GTCAAAGAAG AGGAAAGGCT CAGACGATGC TCCGTACAGC3060
CCCACAGCCA GGGTCGGTCC ATCGGTGCCA AGACAAGACA GGCCTGTGCG TGAGGGGACC3120
AGAGTGGCCT CCATTGAGAC GGGGCTGGCA GCTGCTGCAG CCAAGCTGTC CCAGCAGGAG3180
GAGCAGAAAA ACAGGAAGAA GAAGAACACC AAAAGGAAGC CGGCTCCTAA CACTGCCTCC3240
CCCTCCATCT CCACCTCTGC CTCCGCCTCC ACGGGTACCA CCTCGGCCTC CACCACCCCA3300
GCATCCACCA CCCCGGCCTC CACCACCCCA GCATCCACCA CCCCGGCCTC CACCAGCACA3360
GCCAGCAGCC AGGCCTCACA GGAGGGCAGC TCACCTGAGC CCCCACCTGA ATCACACAGC3420
AGTAGCCTGG CTGACCACGA ATATACAGCA GCCGGCACAT TCTCGGGGTC CCAGGCTGGC3480
CGTGCCTCCC AGCCCATGGC CCCTGGAGTC TTTCTCACAC AGAGGCGGCC TTCTGCATCA3540
TCCCCCAACA ACACTGCTGC CAAAGGAAAA CGTACAAAAA AGGGCATGGC CACCGCCAAG3600
CAAAGGCTTG GAAAGATCTT GAAGATCCAT CGGAATGGGA AACTGCTCCT CTAAGGCTTG3660
GAAAGCCAGG ATCCTTCTGA TATGCTAAGG ACCCCCGGAG CCCCGCTACA TCAGCCCCTC3720
CCAGGACGGT GGCTGTGCCG CCTGGCCCGG GGAGGGCTTG CTTCATTCCG ACCAATTTTC3780
CAATCAA 3787

Name: 285 Len: 3886 Check: 12AD

AGGAGAGAAG AAATTGAAAA GCAGGCACTT GAGAAGTCTA AGAGAAGCTC TAAGACGTTT 60
AAGGAAATGC TGCAGGACAG GGAATCCCAA AATCAAAAGT CTACAGTTCC GTCAAGAAGG 120
AGAATGTATT CTTTTGATGA TGTGCTGGAG GAAGGAAAGC GACCCCCTAC AATGACTGTG 180
TCAGAAGCAA GTTACCAGAG TGAGAGAGTA GAAGAGAAGG GAGCAACTTA TCCTTCAGAA 240
ATTCCCAAAG AAGATTCTAC CACTTTTGCA AAAAGAGAGG ACCCGTGTAA CAACTGAAAT 300
TCAGCTTCCT TCTCAAAGTC CTGTGGAAGA ACAAAGCCCA GCCTCTTTGT CTTCTCTGCG 360
TTCACGGAGC ACACAAATGG AATCAACTTG TGTTTCAGCT TCTCTCCCCA GAAGTTACCG 420
GAAAACTGAT ACAGTCAGGT TAACATCTGT GGTCACACCA AGACCCTTTG GCTCTCAGAC 480
AAGGGGAATC TCATCACTCC CCAGATCTTA CACGATGGAT GATGCTTGGA AGTATAATGG 540
AGATATTGAA GACATTAAGA GAACTCCAAA CAATGTGGTC AGCACCCCTG CACCAAGCCC 600
GGACGCAAGC CAACTGGCTT CAAGCTTATC TAGCCAGAAA GAGGTAGCAG CAACAGAAGA 660
AGATGTGACA AGGCTGCCCT CTCCTACATC CCCCTTCTCA TCTCTTTCCC AAGACCAGGC 720
TGCCACTTCT AAAGCCACAT TGTCTTCCAC ATCTGGTCTT GATTTAATGT CTGAATCTGG 780
AGAAGGGGAA ATCTCCCCAC AAAGAGAAGT CTCAAGATCC CAGGATCAGT TCAGTGATAT 840
GAGAATCAGC ATAAACCAGA CGCCTGGGAA GAGTCTTGAC TTTGGGTTTA CAATAAAATG 900
GGATATTCCT GGGATCTTCG TAGCATCAGT TGAAGCAGGT AGCCCAGCAG AATTTTCTCA 960

GCTACAAGTA GATGATGAAA TTATTGCTAT TAACAACACC AAGTTTTCAT ATAACGATTC1020
AAAAGAGTGG GAGGAAGCCA TGGCTAAGGC TCAAGAAACT GGACACCTAG TGATGGATGT1080
GAGGCGCTAT GGAAAGGCTG GTTCACCTGA AACAAAGTGG ATTGATGCAA CTTCTGGAAT1140
TTACAACTCA GAAAAATCTT CAAATCTATC TGTAACAACT GATTTCTCCG AAAGCCTTCA1200
GAGTTCTAAT ATTGAATCCA AAGAAATCAA TGGAATTCAT GATGAAAGCA ATGCTTTTGA1260
ATCAAAAGCA TCTGAATCCA TTTCTTTGAA AAACTTAAAA AGGCGATCAC AATTTTTTGA1320
ACAAGGAAGC TCTGATTCGG TGGTTCCTGA TCTTCCAGTT CCAACCATCA GTGCCCCGAG1380
TCGCTGGGTG TGGGATCAAG AGGAGGAGCG GAAGCGGCAG GAGAGGTGGC AGAAGGAGCA1440
GGACCGCCTA CTGCAGGAAA AATATCAACG TGAGCAGGAG AAACTGAGGG AAGAGTGGCA1500
AAGGGCCAAA CAGGAGGCAG AGAGAGAGAA TTCCAAGTAC TTGGATGAGG AACTGATGGT1560
CCTAAGCTCA AACAGCATGT CTCTGACCAC ACGGGAGCCC TCTCTTGCCA CCTGGGAAGC1620
TACCTGGAGT GAAGGGTCCA AGTCTTCAGA CAGAGAAGGA ACCCGAGCAG GAGAAGAGGA1680
GAGGAGACAG CCACAAGAGG AAGTTGTTCA TGAGGACCAA GGAAAGAAGC CGCAGGATCA1740
GCTTGTTATT GAGAGAGAGA GGAAATGGGA GCAACAGCTT CAGGAAGAGC AAGAGCAAAA1800
GCGGCTTCAG GCTGAGGCTG AGGAGCAGAA GCGTCCTGCG GAGGAGCAGA AGCGCCAGGC1860
AGAGATAGAG CGGGAAACAT CAGTCAGAAT ATACCAGTAC AGGAGGCCTG TTGATTCCTA1920
TGATATACCA AAGACAGAAG AAGCATCTTC AGGTTTTCTT CCTGGTGACA GGAATAAATC1980
CAGATCTACT ACTGAACTGG ATGATTACTC CACAAATAAA AATGGAAACA ATAAATATTT2040
AGACCAAATT GGGAACACGA CCTCTTCACA GAGGAGATCC AAGAAAGAAC AAGTACCATC2100
AGGAGCAGAA TTGGAGAGGC AACAAATCCT TCAGGAAATG AGGAAGAGAA CACCCCTTCA2160
CAATGACAAC AGCTGGATCC GACAGCGCAG TGCCAGTGTC AACAAAGAGC CTGTTAGTCT2220
TCCTGGGATC ATGAGAAGAG GCGAATCTTT AGATAACCTG GACTCCCCCC GATCCAATTC2280
TTGGAGACAG CCTCCTTGGC TCAATCAGCC CACAGGATTC TATGCTTCTT CCTCTGTGCA2340
AGACTTTAGT CGCCCACCAC CTCAGCTGGT GTCCACATCA AACCGTGCCT ACATGCGGAA2400
CCCCTCCTCC AGCGTGCCCC CACCTTCAGC TGGCTCCGTG AAGACCTCCA CCACAGGTGT2460
GGCCACCACA CAGTCCCCCA CCCCGAGAAG CCATTCCCCT TCAGCTTCAC AGTCAGGCTC2520
TCAGCTGCGT AACAGGTCAG TCAGTGGGAA GCGCATATGC TCCTACTGCA ATAACATTCT2580
GGGCAAAGGA GCCGCCATGA TCATCGAGTC CCTGGGTCTT TGTTATCATT TGCATTGTTT2640
TAAGTGTGTT GCCTGTGAGT GTGACCTCGG AGGCTCTTCC TCAGGAGCTG AAGTCAGGAT2700
CAGAAACCAC CAACTGTACT GCAACGACTG CTATCTCAGA TTCAAATCTG GACGGCCAAC2760
CGCCATGTGA TGTAAGCCTC CATACGAAAG CACTGTTGCA GATAGAAGAA GAGGTGGTTG2820
CTGCTCATGT AGATCTATAA ATATGTGTTG TATGTCTTTT TTGCTTTTTT TTTAAAAAAA2880
AGAATAACTT TTTTTGCCTC TTTAGATTAC ATAGAAGCAT TGTAGTCTTG GTAGAACCAG2940
TATTTTTGTT GTTTATTTAT AAGGTAATTG TGTGTGGGGA AAAGTGCAGT ATTTACCTGT3000
TGAATTCAGC ATCTTGAGAG CACAAGGGAA AAAATAAGAA CCTACGAATA TTTTTGAGGC3060
AGATAATGAT CTAGTTTGAC TTTCTAGTTA GTGGTGTTTT GAAGAGGGTA TTTTATTGTT3120
TTTTAAAAAA AGGTTCTTAA ACATTATTTG AAATAGTTAA TATAAATACA TAATTGCATT3180
TGCTCTGTTT ATTGTAATGT ATTCTAAATT AATGCAGAAC CATATGGAAA ATTTCATTAA3240
AATCTATCCC CAAATGTGCT TTCTGTATCC TTCCTTCTAC CTATTATTCT GATTTTTAAA3300
AATGCAGTTA ATGTACCATT TATTTGCTTG ATGAAGGGAG CTCTATTTTC TTTACCAGAA3360
ATGTTGCTAA GTAATTCCCA ATAGAAAGCT GCTTATTTTC ATTAATGAAA AATAACCATG3420
GTTTGTATAC TAGAAGTCTT CTTCAGAAAC TGGTGAGCCT TTCTGTTCAA TTGCATTTGT3480
AAATAAACTT GCTGATGCAT TTAACGAGTG GGTCGTCTTT TTCTTAGGTG TATGTGTCTG3540
ACCTCAGGCC TTTTAGCCAT ATTTCAGTAT GTGGCCTTTT TTGATGTTAT GTTTTATCCA3600
GTAGCTTTAC TAAGGTATAA TTGATGTAAT AAACTGCATA TATTTAAAGT GTATACTTTG3660
ACAAATTTTG ACATGGTGTA TACCTTCGAA ACTATGCCAC AGTCTGGATG TGTTTACTGA3720
AACATTTTAA TAAGGAAGTT TATTTTTGAT AAAGTTATGT TTTTGGATAC AATATATTTG3780
TATGGTGAGA GTGATGAATT GTTGGATCAT TTGAATAAAA TCTTTTACTA ACCCCATGAT3840
AAAAGGAGAA GACAACAGTG AGCTTAGAAT ATCTATAAAG CAAAAA 3886

Name: 286 Len: 3198 Check: 40E

AACCTGAATA TCCAGGTGGA GGACATTCGG ATTCGAGCCA TCCTCTCAAC CTACCGCAAG 60
CGCACCCCAG TGATGGAGGG CTACGTGGAG GTGAAGGAGG GCAAGACCTG GAAGCAGATC 120
TGTGACAAGC ACTGGACGGC CAAGAATTCC CGCGTGGTCT GCGGCATGTT TGGCTTCCCT 180
GGGGAGAGGA CATACAATAC CAAAGTGTAC AAAATGTTTG CCTCACGGAG GAAGCAGCGC 240
TACTGGCCAT TCTCCATGGA CTGCACCGGC ACAGAGGCCC ACATCTCCAG CTGCAAGCTG 300
GGCCCCCAGG TGTCACTGGA CCCCATGAAG AATGTCACCT GCGAGAATGG GCAGCCGGCC 360
GTGGTGAGTT GTGTGCCTGG GCAGGTCTTC AGCCCTGACG GACCCTCGAG ATTCCGGAAA 420
GCATACAAGC CAGAGCAACC CCTGGTGCGA CTGAGAGGCG GTGCCTACAT CGGGGAGGGC 480
CGCGTGGAGG TGCTCAAAAA TGGAGAGTGG GGGACCGTCT GCGACGACAA GTGGGACCTG 540
GTGTCGGCCA GTGTGGTCTG CAGAGAGCTG GGCTTTGGGA GTGCCAAAGA GGCAGTCACT 600
GGCTCCCGAC TGGGGCAAGG GATCGGACCC ATCCACCTCA ACGAGATCCA GTGCACAGGC 660
AATGAGAAGT CCATTATAGA CTGCAAGTTC AATGCCGAGT CTCAGGGCTG CAACCACGAG 720
GAGGATGCTG GTGTGAGATG CAACACCCCT GCCATGGGCT TGCAGAAGAA GCTGCGCCTG 780

185

AACGGCGGCC GCAATCCCTA CGAGGGCCGA GTGGAGGTGC TGGTGGAGAG AAACGGGTCC 840
CTTGTGTGGG GGATGGTGTG TGGCCAAAAC TGGGGCATCG TGGAGGCCAT GGTGGTCTGC 900
CGCCAGCTGG GCCTGGGATT CGCCAGCAAC GCCTTCCAGG AGACCTGGTA TTGGCACGGA 960
GATGTCAACA GCAACAAAGT GGTCATGAGT GGAGTGAAGT GCTCGGGAAC GGAGCTGTCC1020
CTGGCGCACT GCCGCCACGA CGGGGAGGAC GTGGCCTGCC CCCAGGGCGG AGTGCAGTAC1080
GGGGCCGGAG TTGCCTGCTC AGAAACCGCC CCTGACCTGG TCCTCAATGC GGAGATGGTG1140
CAGCAGACCA CCTACCTGGA GGACCGGCCC ATGTTCATGC TGCAGTGTGC CATGGAGGAG1200
AACTGCCTCT CGGCCTCAGC CGCGCAGACC GACCCCACCA CGGGCTACCG CCGGCTCCTG1260
CGCTTCTCCT CCCAGATCCA CAACAATGGC CAGTCCGACT TCCGGCCCAA GAACGGCCGC1320
CACGCGTGGA TCTGGCACGA CTGTCACAGG CACTACCACA GCATGGAGGT GTTCACCCAC1380
TATGACCTGC TGAACCTCAA TGGCACCAAG GTGGCAGAGG GCCAAAAGGC CAGCTTCTGC1440
TTGGAGGACA CAGAATGTGA AGGAGACATC CAGAAGAATT ACGAGTGTGC CAACTTCGGC1500
GATCAGGGCA TCACCATGGG CTGCTGGGAC ATGTACCGCC ATGACATCGA CTGCCAGTGG1560
GTTGACATCA CTGACGTGCC CCCTGGAGAC TACCTGTTCC AGGTTGTTAT TAACCCCAAC1620
TTCGAGGTTG CAGAATCCGA TTACTCCAAC AACATCATGA AATGCAGGAG CCGCTATGAC1680
GGCCACCGCA TCTGGATGTA CAACTCCCAC ATAGGTGGTT CCTTCAGCGA AGAGACGGAA1740
AAAAAGTTTG AGCACTTCAG CGGGCTCTTA AACAACCAGC TGTCCCCGCC AGTAAAGAAG1800
CCTGCGTGGT CAACTCCTGT CTTCAGGCCA CACCACATCT TCCATGGGAC TTCTCCCCAA1860
CAACTGAGTC TGAACGAATG CCACGTGCCC TCACCCAGCC CGGCCCCCAC CCTGTCCAGA1920
CCCCTACAGC TGTGTCTAAG CTCAGGAGGA AAGGGACCCT CCCATCATTC ATGGGGGGCT1980
GCTACCTGAC CCTTGGGGCC TGAGAAGGCC TTGCGGGGGT GGGGTTTGTC CACAGAGCTG2040
CTGGAGCAGC ACCAAGAGCC AGTCTTGACC GGGATGAGGC CCACAGACAG GTTGTCATCA2100
GCTTGTCCCA TTCAAGCCAC CGAGCTCACC ACAGACACAG TGGAGCCGCG CTCTTCTCCA2160
GTGACACGTG GACAAATGCG GGCTCATCAG CCCCCCCAGA GAGGGTCAGG CCGAACCCCA2220
TTTCTCCTCC TCTTACCTCA TTTTCAGCAA ACTTGAATAT CTAGACCTCT CTTCCAATGA2280
AACCCTCCAG TCTATTATAG TCACATAGAT AATGGTGCCA CGTGTTTTCT GATTTGGTGA2340
GCTCAGACTT GGTGCTTCCC TATCCACAGC CCCCACCCCT TGTTTTTCAA GATACTATTA2400
TTATATTTTC ACAGACTTTT GAAGCACAAA TTTATTGGCA TTTAATATTG GACATCTGGG2460
CCCTTGGAAG TACAAATCTA AGGAAAAACC AACCCACTGT GTAAGTGACT CATCTTCCTG2520
TTGTTCCAAT TCTGTGGGTT TTTGATTCAA CGGTGCTATA ACCAGGGTCC TGGGTGACAG2580
GGAGATACAT GAGCACCATG TGTCATCACA GACACTTACA CATACTTGAA ACTTGGAATA2640
AAAGAAAGAT TTATGAAACG TGTCTGTGTT TCCTTTGACC CACAGCACCT GGGCCCTGAG2700
CAGCAGGCTT CCTATGTTCA GTGGCCAGAA GCAGAGCTTC AGGTACATTC GTGGTTTTCT2760
CCGGTGGACA TGGGTCCTCA GATCCCCTCC AGCCCAGTGT GGCCACCAGG GCACCTCCTT2820
CAATAGACTC CAAAAGGGGC AGCTCCTACC ATCTGGGAGA AGCAATCTAA GGAGATCACA2880
AAAAGTAACG GAACAGGAGT CATAATCTTT CTTGAACTCC TGTGGTTTTT ACTGAAACTT2940
GTCAGAAGGC ATAGGAGTTG TGCGAGGGCT GGATGGGAAG TCTAGATTTA AACAGCCACC3000
AGGCAGCTTA TCAAAGCAAG AGGGCATCCG TTCACAGGAC AGGGGCTCCC AGCAATTCCC3060
AGTGGCAGTG GGGGGTGGCT GGCCCAAGCC CCAAGTCACC CAGACACAGG GGACTTCCCC3120
TTGTGTCAAC AGCATGCTAG GGCCCAGCAA ACTAGAGGGT AGGTAGGACC ACCTTGGCAC3180
CAACTCCACT CAAACCAC 3198

Name: 287 Len: 4231 Check: 177A

GGACAGGCGT GGCGGCCGGA GCCCCAGCAT CCCTGCTTGA GGTCCAGGAG CGGAGCCCGC 60
GGCCACCGCC GCCTGATCAG CGCGACCCCG GCCCGCGCCC GCCCCGCCCG GCAAGATGCT 120
GCCCGTGTAC CAGGAGGTGA AGCCCAACCC GCTGCAGGAC GCGAACATCT GCTCACGCGT 180
GTTCTTCTGG TGGCTCAATC CCTTGTTTAA AATTGGCCAT AAACGGAGAT TAGAGGAAGA 240
TGATATGTAT TCAGTGCTGC CAGAAGACCG CTCACAGCAC CTTGGAGAGG AGTTGCAAGG 300
GTTCTGGGAT AAAGAAGTTT TAAGAGCTGA GAATGACGCA CAGAAGCCTT CTTTAACAAG 360
AGCAATCATA AAGTGTTACT GGAAATCTTA TTTAGTTTTG GGAATTTTTA CGTTAATTGA 420
GGAAAGTGCC AAAGTAATCC AGCCCATATT TTTGGGAAAA ATTATTAATT ATTTTGAAAA 480
TTATGATCCC ATGGATTCTG TGGCTTTGAA CACAGCGTAC GCCTATGCCA CGGTGCTGAC 540
TTTTTGCACG CTCATTTTGG CTATACTGCA TCACTTATAT TTTTATCACG TTCAGTGTGC 600
TGGGATGAGG TTACGAGTAG CCATGTGCCA TATGATTTAT CGGAAGGCAC TTCGTCTTAG 660
TAACATGGCC ATGGGGAAGA CAACCACAGG CCAGATAGTC AATCTGCTGT CCAATGATGT 720
GAACAAGTTT GATCAGGTGA CAGTGTTCTT ACACTTCCTG TGGGCAGGAC CACTGCAGGC 780
GATCGCAGTG ACTGCCCTAC TCTGGATGGA GATAGGAATA TCGTGCCTTG CTGGGATGGC 840
AGTTCTAATC ATTCTCCTGC CCTTGCAAAG CTGTTTTGGG AAGTTGTTCT CATCACTGAG 900
GAGTAAAACT GCAACTTTCA CGGATGCCAG GATCAGGACC ATGAATGAAG TTATAACTGG 960
TATAAGGATA ATAAAAATGT ACGCCTGGGA AAAGTCATTT TCAAATCTTA TTACCAATTT1020
GAGAAAGAAG GAGATTTCCA AGATTCTGAG AAGTTCCTGC CTCAGGGGGA TGAATTTGGC1080
TTCGTTTTTC AGTGCAAGCA AAATCATCGT GTTTGTGACC TTCACCACCT ACGTGCTCCT1140
CGGCAGTGTG ATCACAGCCA GCCGCGTGTT CGTGGCAGTG ACGCTGTATG GGGCTGTGCG1200
GCTGACGGTT ACCCTCTTCT TCCCCTCAGC CATTGAGAGG GTGTCAGAGG CAATCGTCAG1260

186

CATCCGAAGA ATCCAGACCT TTTTGCTACT TGATGAGATA TCACAGCGCA ACCGTCAGCT1320
GCCGTCAGAT GGTAAAAAGA TGGTGCATGT GCAGGATTTT ACTGCTTTTT GGGATAAGGC1380
ATCAGAGACC CCAACTCTAC AAGGCCTTTC CTTTACTGTC AGACCTGGCG AATTGTTAGC1440
TGTGGTCGGC CCCGTGGGAG CAGGGAAGTC ATCACTGTTA AGTGCCGTGC TCGGGGAATT1500
GGCCCCAAGT CACGGGCTGG TCAGCGTGCA TGGAAGAATT GCCTATGTGT CTCAGCAGCC1560
CTGGGTGTTC TCGGGAACTC TGAGGAGTAA TATTTTATTT GGGAAGAAAT ATGAAAAGGA1620
ACGATATGAA AAAGTCATAA AGGCTTGTGC TCTGAAAAAG GATTTACAGC TGTTGGAGGA1680
TGGTGATCTG ACTGTGATAG GAGATCGGGG AACCACGCTG AGTGGAGGGC AGAAAGCACG1740
GGTAAACCTT GCAAGAGCAG TGTATCAAGA TGCTGACATC TATCTCCTGG ACGATCCTCT1800
CAGTGCAGTA GATGCGGAAG TTAGCAGACA CTTGTTCGAA CTGTGTATTT GTCAAATTTT1860
GCATGAGAAG ATCACAATTT TAGTGACTCA TCAGTTGCAG TACCTCAAAG CTGCAAGTCA1920
GATTCTGATA TTGAAAGATG GTAAAATGGT GCAGAAGGGG ACTTACACTG AGTTCCTAAA1980
ATCTGGTATA GATTTTGGCT CCCTTTTAAA GAAGGATAAT GAGGAAAGTG AACAACCTCC2040
AGTTCCAGGA ACTCCCACAC TAAGGAATCG TACCTTCTCA GAGTCTTCGG TTTGGTCTCA2100
ACAATCTTCT AGACCCTCCT TGAAAGATGG TGCTCTGGAG AGCCAAGATA CAGAGAATGT2160
CCCAGTTACA CTATCAGAGG AGAACCGTTC TGAAGGAAAA GTTGGTTTTC AGGCCTATAA2220
GAATTACTTC AGAGCTGGTG CTCACTGGAT TGTCTTCATT TTCCTTATTC TCCTAAACAC2280
TGCAGCTCAG GTTGCCTATG TGCTTCAAGA TTGGTGGCTT TCATACTGGG CAAACAAACA2340
AAGTATGCTA AATGTCACTG TAAATGGAGG AGGAAATGTA ACCGAGAAGC TAGATCTTAA2400
CTGGTACTTA GGAATTTATT CAGGTTTAAC TGTAGCTACC GTTCTTTTTG GCATAGCAAG2460
ATCTCTATTG GTATTCTACG TCCTTGTTAA CTCTTCACAA ACTTTGCACA ACAAAATGTT2520
TGAGTCAATT CTGAAAGCTC CGGTATTATT CTTTGATAGA AATCCAATAG GAAGAATTTT2580
AAATCGTTTC TCCAAAGACA TTGGACACTT GGATGATTTG CTGCCGCTGA CGTTTTTAGA2640
TTTCATCCAG ACATTGCTAC AAGTGGTTGG TGTGGTCTCT GTGGCTGTGG CCGTGATTCC2700
TTGGATCGCA ATACCCTTGG TTCCCCTTGG AATCATTTTC ATTTTTCTTC GGCGATATTT2760
TTTGGAAACG TCAAGAGATG TGAAGCGCCT GGAATCTACA ACTCGGAGTC CAGTGTTTTC2820
CCACTTGTCA TCTTCTCTCC AGGGGCTCTG GACCATCCGG GCATACAAAG CAGAAGAGAG2880
GTGTCAGGAA CTGTTTGATG CACACCAGGA TTTACATTCA GAGGCTTGGT TCTTGTTTTT2940
GACAACGTCC CGCTGGTTCG CCGTCCGTCT GGATGCCATC TGTGCCATGT TTGTCATCAT3000
CGTTGCCTTT GGGTCCCTGA TTCTGGCAAA AACTCTGGAT GCCGGGCAGG TTGGTTTGGC3060
ACTGTCCTAT GCCCTCACGC TCATGGGGAT GTTTCAGTGG TGTGTTCGAC AAAGTGCTGA3120
AGTTGAGAAT ATGATGATCT CAGTAGAAAG GGTCATTGAA TACACAGACC TTGAAAAAGA3180
AGCACCTTGG GAATATCAGA AACGCCCACC ACCAGCCTGG CCCCATGAAG GAGTGATAAT3240
CTTTGACAAT GTGAACTTCA TGTACAGTCC AGGTGGGCCT CTGGTACTGA AGCATCTGAC3300
AGCACTCATT AAATCACAAG AAAAGGTTGG CATTGTGGGA AGAACCGGAG CTGGAAAAAG3360
TTCCCTCATC TCAGCCCTTT TTAGATTGTC AGAACCCGAA GGTAAAATTT GGATTGATAA3420
GATCTTGACA ACTGAAATTG GACTTCACGA TTTAAGGAAG AAAATGTCAA TCATACCTCA3480
GGAACCTGTT TTGTTCACTG GAACAATGAG GAAAAACCTG GATCCCTTTA AGGAGCACAC3540
GGATGAGGAA CTGTGGAATG CCTTACAAGA GGTACAACTT AAAGAAACCA TTGAAGATCT3600
TCCTGGTAAA ATGGATACTG AATTAGCAGA ATCAGGATCC AATTTTAGTG TTGGACAAAG3660
ACAACTGGTG TGCCTTGCCA GGGCAATTCT CAGGAAAAAT CAGATATTGA TTATTGATGA3720
AGCGACGGCA AATGTGGATC CAAGAACTGA TGAGTTAATA CAAAAAAAAA TCCGGGAGAA3780
ATTTGCCCAC TGCACCGTGC TAACCATTGC ACACAGATTG AACACCATTA TTGACAGCGA3840
CAAGATAATG GTTTTAGATT CAGGAAGACT GAAAGAATAT GATGAGCCGT ATGTTTTGCT3900
GCAAAATAAA GAGAGCCTAT TTTACAAGAT GGTGCAACAA CTGGGCAAGG CAGAAGCCGC3960
TGCCCTCACT GAAACAGCAA AACAGGTATA CTTCAAAAGA AATTATCCAC ATATTGGTCA4020
CACTGACCAC ATGGTTACAA ACACTTCCAA TGGACAGCCC TCGACCTTAA CTATTTTCGA4080
GACAGCACTG TGAATCCAAC CAAAATGTCA AGTCCGTTCC GAAGGCATTT TCCACTAGTT4140
TTTGGACTAT GTAAACCACA TTGTACTTTT TTTTACTTTG GCAACAAATA TTTATACATA4200
CAAGATGCTA GTTCATTTGA ATATTTCTCC C 4231

Name: 288 Len: 4337 Check: EBC

GGCTGTGACA CTAATACTTA ACATGGTGGT TGTGTCTCTT TATGCCTGAC TCAATCAGTT 60
GAAATCCAAA AGTAAGTTCT TCCTTGATTT ACCTGCCAAG ACCTGAGTTC AGGCCCTCAG 120
GGTGCTGAGG TTTTCCTTTG TGGGAGAAAA TGCCACCAGA TGGCGGGTTA GGATTGCAGC 180
TCCGTTGAAG GCGCGGCCCC CGCTCCCGAA CCCCCGGCGA CCACCCCGTA ACAACCCCCC 240
CACATCGGGA ATAACACACC GGAGACTTTT GGGGGGAAAC TAGGTCGATG GTCGGCGGCG 300
CCGGATGGGC AGCTGAGGAT TGCCTTTGAG GTTATTTTAA AAGTTTTGAG TTGTACAGCA 360
CTTGATTATT TTGCTGCATT GTGAAAGGAC CTCTCCAGCA ATGATTACTT CAGAATTACC 420
AGTGTTACAG GATTCAACTA ATGAAACTAC TGCCCATTCC GATGCTGGCA GCGAGCTTGA 480
AGAAACAGAG GTCAAAGGAA AAAGAAAAAG GGGTCGTCCT GGCCGGCCTC CATCTACAAA 540
TAAGAAACCT CGAAAATCTC CAGGTGAGAA GAGCAGAATT GAAGCTGGAA TTAGAGGAGC 600
AGGCCGTGGA AGAGCTAATG GACACCCTCA ACAGAATGGG GAAGGGGAGC CTGTCACATT 660
ATTTGAGGTG GTGAAACTGG GGAAAAGTGC AATGCAGTCC GTGGTGGATG ACTGGATTGA 720

187

ATCATATAAA CAAGACAGGG ACATCGCACT TCTGGATTTA ATCAACTTTT TTATCCAGTG 780
TTCAGGATGT CGAGGTACTG TGAGAATAGA GATGTTTCGA AATATGCAGA ATGCAGAAAT 840
CATCAGAAAA ATGACTGAAG AATTTGATGA GGACAGTGGT GATTATCCTC TTACCATGCC 900
TGGACCTCAG TGGAAAAAAT TTCGTTCAAA CTTTTGTGAA TTTATTGGAG TCCTGATTCG 960
ACAGTGTCAG TATAGCATAA TTTATGATGA GTATATGATG GACACAGTAA TCTCCCTTTT1020
GACGGGTTTG TCAGACTCCC AGGTCAGAGC TTTTAGGCAT ACAAGTACCC TGGCTGCCAT1080
GAAGCTCATG ACTGCTCTGG TGAATGTTGC CTTAAACCTC AGTATTCATC AGGATAATAC1140
CCAGAGACAA TATGAAGCCG AGAGAAATAA AATGATTGGG AAGAGAGCCA ATGAAAGGTT1200
GGAGTTACTA CTTCAGAAAC GCAAAGAGCT GCAAGAAAAT CAGGATGAAA TCGAAAATAT1260
GATGAACTCT ATTTTTAAGG GTATATTTGT TCATAGATAC CGTGATGCTA TTGCTGAGAT1320
TAGAGCCATT TGTATTGAAG AAATTGGAGT ATGGATGAAA ATGTATAGTG ATGCCTTCCT1380
AAATGACAGT TACCTAAAAT ATGTTGGCTG GACTCTTCAT GACAGGCAAG GGGAAGTCAG1440
GCTGAAGTGT TTGAAAGCTC TGCAGAGTCT ATATACCAAT AGAGAATTAT TCCCCAAATT1500
GGAACTATTC ACTAACCGAT TCAAGGATCG CATTGTATCA ATGACACTTG ATAAAGAATA1560
TGATGTTGCT GTGGAAGCTA TTCGATTGGT TACTCTGATA CTTCATGGAA GTGAAGAAGC1620
TCTTTCCAAT GAAGACTGTG AAAATGTTTA CCACTTGGTG TACTCGGCAC ATCGCCCTGT1680
TGCTGTGGCA GCTGGAGAGT TCCTTCACAA AAAGCTATTT AGCAGACATG ACCCACAAGC1740
AGAAGAAGCA TTAGCAAAGA GGAGGGGAAG AAACAGCCCG AATGGAAACC TCATTAGGAT1800
GCTGGTTCTT TTCTTTCTTG AAAGTGAGTT ACATGAACAT GCAGCCTACT TGGTGGACAG1860
TTTATGGGAG AGCTCTCAAG AACTGTTGAA AGACTGGGAA TGTATGACAG AGTTGCTATT1920
AGAAGAACCT GTTCAAGGAG AGGAAGCAAT GTCTGATCGT CAAGAGAGTG CTCTTATAGA1980
GCTAATGGTT TGTACAATTC GTCAAGCTGC TGAGGCACAT CCTCCAGTGG GAAGGGGTAC2040
CGGCAAGAGA GTGCTAACTG CCAAAGAAAG GAAAACTCAA ATTGATGATA GAAACAAATT2100
GACTGAACAT TTTATTATTA CACTTCCTAT GTTACTGTCA AAGTATTCTG CAGATGCAGA2160
GAAGGTAGCA AACTTGCTAC AAATCCCACA GTATTTTGAT TTAGAAATCT ACAGCACAGG2220
TAGAATGGAA AAGCATCTGG ATGCTTTATT AAAACAGATT AAGTTTGTTG TGGAGAAACA2280
CGTAGAATCA GATGTTCTAG AAGCCTGCAG TAAAACCTAT AGTATCTTAT GCAATGAAGA2340
ATATACCATC CAGAACAGAG TTGACATAGC TCGAAGCCAG CTGATTGATG AGTTTGTAGA2400
TCGATTCAAT CATTCTGTGG AAGACCTATT GCAAGAGGGA GAAGAAGCTG ATGATGATGA2460
CATTTACAAT GTTCTTTCTA CATTAAAGCG GTTAACTTCT TTTCAGAATG CACATGATCT2520
CACAAAATGG GATCTCTTTG GTAATTGCTA CAGATTATTG AAGACTGGAA TTGAACATGG2580
AGCCATGCCA GAACAGATAG TCGTGCAAGC ACTGCAGTGT TCCCATTATT CGATTCTTTG2640
GCAGTTGGTG AAAATTACTG ATGGCTCTCC TTCCAAAGAG GATTTGTTGG TATTGAGGAA2700
AACGGTGAAA TCCTTTTTGG CTGTTTGCCA GCAGTGCCTG TCTAATGTTA ATACTCCAGT2760
GAAAGAACAG GCTTTCATGT TACTCTGTGA TCTTCTGATG ATTTTCAGCC ACCAATTAAT2820
GACAGGTGGC AGAGAGGGCC TTCAGCCTTT GGTGTTCAAT CCAGATACTG GACTCCAATC2880
TGAACTCCTC AGTTTTGTGA TGGATCACGT TTTTATTGAC CAAGACGAGG AGAACCAGAG2940
CATGGAGGGT GATGAAGAAG ATGAAGCTAA TAAAATTGAG GCCTTACATA AAAGAAGGAA3000
TCTACTTGCT GCTTTCAGCA AACTTATCAT TTATGACATT GTTGACATGC ATGCAGCTGC3060
AGACATCTTC AAACACTACA TGAAGTATTA CAATGACTAT GGTGATATTA TTAAGGAAAC3120
ACTGAGTAAA ACCAGGCAGA TTGATAAAAT TCAGTGTGCC AAGACTCTCA TTCTCAGTTT3180
GCAACAGTTA TTTAATGAAC TTGTTCAAGA GCAAGGTCCC AACCTAGATA GGACATCTGC3240
CCATGTCAGT GGCATTAAAG AACTGGCACG TCGCTTTGCC CTTACATTTG GATTGGACCA3300
GATTAAGACA CGAGAAGCAG TTGCCACACT TCACAAGGAT GGCATAGAGT TTGCATTTAA3360
ATACCAAAAT CAGAAAGGAC AAGAGTATCC ACCTCCTAAT CTGGCTTTTC TTGAAGTACT3420
AAGTGAATTT TCTTCTAAAC TTCTTCGACA GGACAAAAAG ACAGTTCATT CATACCTAGA3480
GAAATTCCTT ACCGAGCAGA TGATGGAAAG GAGGGAGGAT GTATGGCTTC CACTCATCTC3540
CTATAGAAAT TCATTAGTCA CTGGGGGTGA AGATGATAGA ATGTCTGTGA ACAGTGGAAG3600
TAGCAGCAGC AAAACCTCAT CAGTAAGGAA TAAGAAAGGA CGACCTCCAC TTCATAAAAA3660
ACGAGTAGAA GATGAGAGTC TGGATAACAC ATGGCTAAAC AGGACTGACA CCATGATTCA3720
GACTCCTGGC CCCCTGCCAG CACCACAACT CACATCCACT GTACTGCGGG AGAACAGTCG3780
GCCCATGGGA GACCAGATTC AAGAACCTGA GTCTGAACAT GGTTCTGAAC CAGACTTTTT3840
ACACAATCCT CAGATGCAGA TCTCTTGGTT AGGCCAGCCG AAGTTAGAAG ACTTAAATCG3900
GAAGGACAGA ACAGGAATGA ACTACATGAA AGTGAGAACT GGAGTGAGGC ATGCTGTTCG3960
GGGTCTAATG GAGGAAGATG CTGAGCCCAT CTTTGAAGAT GTGATGATGT CATCCCGAAG4020
CCAGTTAGAA GATATGAATG AAGAATTTGA GGACACCATG GTTATTGATC TGCCTCCATC4080
AAGAAATCGG CGAGAGAGAG CTGAGCTAAG GCCAGACTTC TTTGACTCTG CAGCTATCAT4140
AGAAGATGAT TCAGGATTTG GAATGCCTAT GTTCTGAAGT CTGAAGAAAA TTTACAAATC4200
TGGAACTCTA TTATTTAGAG CTAGAGGCCT ATATACTGTG ATAGCTTGTA TGGGGAAAAA4260
CAACTTTTGA TGTGATCTGA TTTGTTTTTT AATCAAATGA TTAAGGTCAA TCCCTTTTTG4320
CAGTGACAGA AGAGGAG 4337

Name: 289 Len: 1090 Check: C2

GCTCCGGGAG ACTTCCGGCA GGGCGGGCGC GGGGTCTTGG CGAACGGTCT TCGGAAGCGG 60

CGGCGGCGCG ATGACCACGC TACGGGCCTT TACCTGCGAC GACCTGTTCC GCTTCAACAA 120
CATTAACTTG GATCCACTTA CAGAAACTTA TGGGATTCCT TTCTACCTAC AATACCTCGC 180
CCACTGGCCA GAGTATTTCA TTGTTGCAGA GGCACCTGGT GGAGAATTAA TGGGTTATAT 240
TATGGGTAAA GCAGAAGGCT CAGTAGCTAG GGAAGAATGG CACGGGCACG TCACAGCTCT 300
GTCTGTTGCC CCAGAATTTC GACGCCTTGG TTTGGCTGCT AAACTTATGG AGTTACTAGA 360
GGAGATTTCA GAAAGAAAGG GTGGATTTTT TGTGGATCTC TTTGTAAGAG TATCTAACCA 420
AGTTGCAGTT AACATGTACA AGCAGTTGGG CTACAGTGTA TATAGGACGG TCATAGAGTA 480
CTATTCGGCC AGCAACGGGG AGCCTGATGA GGACGCTTAT GATATGAGGA AAGCACTTTC 540
CAGGGATACT GAGAAGAAAT CCATCATACC ATTACCTCAT CCTGTGAGGC CTGAAGACAT 600
TGAATAACCC TGGGCAGTGG TTCTTAGGCA GATACTCTAG ATGCTTTATG GACAATATTA 660
TTTTCATTGG ATGATTCTGG AGCTCTATTA GGAGAAAAGT AATCATTTTA GGTCTTAAAG 720
ACTTCAAGAA AATACAGGTT ATCAATTTAT TTTAAATCTC ATTGTTTCCA GTTAGCAATA 780
TCATACCTAT TAAAGCTGTT CATTGTAACA AAATTCAATC AAAAAGGCAG CTAGGTCAGA 840
AGGAAACATA CCACTCTCAT GGTTCATAGT ATTCACTGTA TGTATGCTAG GGAAAAGACT 900
TGCTCCAGTC TCCTCCTCAG TTCTGTGCCT GAGAACCACT GCTGCATATA TTTGTTTTTA 960
AATTTTGTAT TGAACTGTTA ATTGAAGCTT TAAAAGCATA TATGAAATGT ATAAATCTAA1020
GATGTATAAT ACATTATTGA CTCTAAAAAA AAAAAAAAAA AAAAAAAAAA AAAAAAAAAA1080
AAAAAAAAAA 1090

Name: 29 Len: 558 Check: 1346
GAGTGNGNCG GNGGTGGCGC CTGCGGACCT AACTAGCTCC AGGTTAGGCC GAGCTTTGNG 60
GGAAAGCAGC GGACTTGAAA ATACTGGAAA TCTGTCCGGA TCCAAATTAT TTTGCAAGCC120
AGATGAGTAA CCAGAGGGCA TGAAAGGTTG AGAACATTTG ACTTCCCTGC AAACCTTGGT180
ATAGATCACT TCCTTTTCTG TAGGAAAGGA AAGGCACCAA AGAGCACAAT GAGTACAAGA240
AAGCGTCGTG GTGGAGCAAT AAATTCTAGA CAAGCTCAGA AGCGAACTCG GGAAGCAACC300
TCCACCCCCG AGATCTCCTT GGAAGCAGAA CCCATAGAAC TCGTGGAAAC TGCTGGAGAT360
GAAATTGTGG ACCTCACTTG TGAATCTTTA GAGCCTGTGG TGGTTGATCT GACTCACAAT420
GACTCTGTTG TGATTGTTGA CGAAAGAAGA AGACCAAGGA GGAATGCTAG GAGGCTGCCC480
CAGGACCATG CTGACAGCTG TGTGGTGAGC AGTGACGATG AGGAGTTGTC CAGGGACAGA540
GACGTATATG TGACTACC 558

Name: 290 Len: 2150 Check: 2140
CTCGAGCCAC GAAGGCCCCG CTGTCCTGTC TAGCAGATAC TTGCACGGTT TACAGAAATT 60
CGGTCCCTGG GTCGTGTCAG GAAACTGGAA AAAAGGTCAT AAGCATGAAG CGCAGTTCAG 120
TTTCCAGCGG TGGTGCTGGC CGCCTCTCCA TGCAGGAGTT AAGATCCCAG GATGTAAATA 180
AACAAGGCCT CTATACCCCT CAAACCAAAG AGAAACCAAC CTTTGGAAAG TTGAGTATAA 240
ACAAACCGAC ATCTGAAAGA AAAGTCTCGC TATTTGGCAA AAGAACTAGT GGACATGGAT 300
CCCGGAATAG TCAACTTGGT ATATTTTCCA GTTCTGAGAA AATCAAGGAC CCGAGACCAC 360
TTAATGACAA AGCATTCATT CAGCAGTGTA TTCGACAACT CTGTGAGTTT CTTACAGAAA 420
ATGGTTATGC ACATAATGTG TCCATGAAAT CTCTACAAGC TCCCTCTGTT AAAGACTTCC 480
TGAAGATCTT CACATTTCTT TATGGCTTCC TGTGCCCCTC ATACGAACTT CCTGACACAA 540
AGTTTGAAGA AGAGGTTCCA AGAATCTTTA AAGACCTTGG GTATCCTTTT GCACTATCCA 600
AAAGCTCCAT GTACACAGTG GGGGCTCCTC ATACATGGCC TCACATTGTG GCAGCCTTAG 660
TTTGGCTAAT AGACTGCATC AAGATACATA CTGCCATGAA AGAAAGCTCA CCTTTATTTG 720
ATGATGGGCA GCCTTGGGGA GAAGAAACTG AAGATGGAAT TATGCATAAT AAGTTGTTTT 780
TGGACTACAC CATAAAATGC TATGAGAGTT TTATGAGTGG TGCCGACAGC TTTGATGAGA 840
TGAATGCAGA GCTGCAGTCA AAACTGAAGG ATTTATTTAA TGTGGATGCT TTTAAGCTGG 900
AATCATTAGA AGCAAAAAAC AGAGCATTGA ATGAACAGAT TGCAAGATTG GAACAAGAAA 960
GAGAAAAAGA ACCGAATCGT CTAGAGTCGT TGAGAAAACT GAAGGCTTCC TTACAAGGAG1020
ATGTTCAAAA GTATCAGGCA TACATGAGCA ATTTGGAGTC TCATTCAGCC ATTCTTGACC1080
AGAAATTAAA TGGTCTCAAT GAGGAAATTG CTAGAGTAGA ACTAGAATGT GAAACAATAA1140
AACAGGAGAA CACTCGACTA CAGAATATCA TTGACAACCA GAAGTACTCA GTTGCAGACA1200
TTGAGCGAAT AAATCATGAA AGAAATGAAT TGCAGCAGAC TATTAATAAA TTAACCAAGG1260
ACCTGGAAGC TGAACAACAG AAGTTGTGGA ATGAGGAGTT AAAATATGCC AGAGGCAAAG1320
AAGCGATTGA AACACAATTA GCAGAGTATC ACAAATTGGC TAGAAAATTA AAACTTATTC1380
CTAAAGGTGC TGAGAATTCC AAAGGTTATG ACTTTGAAAT TAAGTTTAAT CCCGAGGCTG1440
GTGCCAACTG CCTTGTCAAA TACAGGGCTC AAGTTTATGT ACCTCTTAAG GAACTCCTGA1500
ATGAAACTGA AGAAGAAATT AATAAAGCCC TAAATAAAAA AATGGGTTTG GAGGATACTT1560
TAGAACAATT GAATGCAATG ATAACAGAAA GCAAGAGAAG TGTGAGAACT CTGAAAGAAG1620
AAGTTCAAAA GCTGGATGAT CTTTACCAAC AAAAAATTAA GGAAGCAGAG GAAGAGGATG1680
AAAAATGTGC CAGTGAGCTT GAGTCCTTGG AGAAACACAA GCACCTGCTA GAAAGTACTG1740
TTAACCAGGG GCTCAGTGAA GCTATGAATG AATTAGATGC TGTTCAGCGG GAATACCAAC1800
TAGTTGTGCA AACCACGACT GAAGAAAGAC GAAAAGTGGG AAATAACTTG CAACGTCTGT1860
TAGAGATGGT TGCTACACAT GTTGGGTCTG TAGAGAAACA TCTTGAGGAG CAGATTGCTA1920
AAGTTGATAG AGAATATGAA GAATGCATGT CAGAAGATCT CTCGGAAAAT ATTAAAGAGA1980

189

TTAGAGATAA GTATGAGAAG AAAGCTACTC TAATTAAGTC TTCTGAAGAA TGAAGATAAA2040
ATGTTGATCA TGTATATATA TCCATAGTGA ATAAAATTGT CTCAGTAAAA AAAAAAAAAA2100
AAAAAAAAAA AAAAAAAAAA AAAAAAAAAA AAAAAAAAAA 2150

Name: 291 Len: 3800 Check: 2389

GTCGGAGGCA GAGGCGGCGG CGGCAGGCGG GGAGCAAGAG GCCCAGGCGA CTGCGGCGGC 60
TGGGGAAGGA GACAATGGGC CGGGCCTGCA GGGCCCATCT CGGGAGCCAC CGCTGGCCGA 120
CAACTTGTAC GACGAAGACG ACGACGACGA GGGCGAGGAG GAGGAAGAGG CGGCGGCGGC 180
GGCGATTGGG TACCGAGATA ACCTTCTGTT CGGTGATGAA ATTATCACTA ATGGTTTTCA 240
TTCCTGTGAA AGTGATGAGG AGGATAGAGC CTCACATGCA AGCTCTAGTG ACTGGACTCC 300
AAGGCCACGG ATAGGTCCAT ATACTTTTGT TCAGCAACAT CTTATGATTG GCACAGATCC 360
TCGAACAATT CTTAAAGATT TATTGCCGGA AACAATACCT CCACCTGAGT TGGATGATAT 420
GACACTGTGG CAGATTGTTA TTAATATCCT TTCAGAACCA CCAAAAAGGA AAAAAAGAAA 480
AGATATTAAT ACAATTGAAG ATGCCGTGAA ATTACTGCAA GAGTGCAAAA AAATTATAGT 540
TCTAACTGGA GCTGGGGTGT CTGTTTCATG TGGAATACCT GACTTCAGGT CAAGGGATGG 600
TATTTATGCT CGCCTTGCTG TAGACTTCCC AGATCTTCCA GATCCTCAAG CGATGTTTGA 660
TATTGAATAT TTCAGAAAAG ATCCAAGACC ATTCTTCAAG TTTGCAAAGG AAATATATCC 720
TGGACAATTC CAGCCATCTC TCTGTCACAA ATTCATAGCC TTGTCAGATA AGGAAGGAAA 780
ACTACTTCGC AACTATACCC AGAACATAGA CACGCTGGAA CAGGTTGCGG GAATCCAAAG 840
GATAATTCAG TGTCATGGTT CCTTTGCAAC AGCATCTTGC CTGATTTGTA AATACAAAGT 900
TGACTGTGAA GCTGTACGAG GAGATATTTT TAATCAGGTA GTTCCTCGAT GTCCTAGGTG 960
CCCAGCTGAT GAACCGCTTG CTATCATGAA ACCAGAGATT GTGTTTTTTG GTGAAAATTT1020
ACCAGAACAG TTTCATAGAG CCATGAAGTA TGACAAAGAT GAAGTTGACC TCCTCATTGT1080
TATTGGGTCT TCCCTCAAAG TAAGACCAGT AGCACTAATT CCAAGTTCCA TACCCCATGA1140
AGTGCCTCAG ATATTAATTA ATAGAGAACC TTTGCCTCAT CTGCATTTTG ATGTAGAGCT1200
TCTTGGAGAC TGTGATGTCA TAATTAATGA ATTGTGTCAT AGGTTAGGTG GTGAATATGC1260
CAAACTTTGC TGTAACCCTG TAAAGCTTTC AGAAATTACT GAAAAACCTC CACGAACACA1320
AAAAGAATTG GCTTATTTGT CAGAGTTGCC ACCCACACCT CTTCATGTTT CAGAAGACTC1380
AAGTTCACCA GAAAGAACTT CACCACCAGA TTCTTCAGTG ATTGTCACAC TTTTAGACCA1440
AGCAGCTAAG AGTAATGATG ATTTAGATGT GTCTGAATCA AAAGGTTGTA TGGAAGAAAA1500
ACCACAGGAA GTACAAACTT CTAGGAATGT TGAAAGTATT GCTGAACAGA TGGAAAATCC1560
GGATTTGAAG AATGTTGGTT CTAGTACTGG GGAGAAAAAT GAAAGAACTT CAGTGGCTGG1620
AACAGTGAGA AAATGCTGGC CTAATAGAGT GGCAAAGGAG CAGATTAGTA GGCGGCTTGA1680
TGGTAATCAG TATCTGTTTT TGCCACCAAA TCGTTACATT TTCCATGGCG CTGAGGTATA1740
TTCAGACTCT GAAGATGACG TCTTATCCTC TAGTTCTTGT GGCAGTAACA GTGATAGTGG1800
GACATGCCAG AGTCCAAGTT TAGAAGAACC CATGGAGGAT GAAAGTGAAA TTGAAGAATT1860
CTACAATGGC TTAGAAGATG AGCCTGATGT TCCAGAGAGA GCTGGAGGAG CTGGATTTGG1920
GACTGATGGA GATGATCAAG AGGCAATTAA TGAAGCTATA TCTGTGAAAC AGGAAGTAAC1980
AGACATGAAC TATCCATCAA ACAAATCATA GTGTAATAAT TGTGCAGGTA CAGGAATTGT2040
TCCACCAGCA TTAGGAACTT TAGCATGTCA AAATGAATGT TTACTTGTGA ACTCGATAGA2100
GCAAGGAAAC CAGAAAGGTG TAATATTTAT AGGTTGGTAA AATAGATTGT TTTTCATGGA2160
TAATTTTTAA CTTCATTATT TCTGTACTTG TACAAACTCA ACACTAACTT TTTTTTTTTT2220
AAAAAAAAAA AGGTACTAAG TATCTTCAAT CAGCTGTTGG GTCAAGACTA ACTTTCTTTT2280
AAAGGTTCAT TTGTATGATA AATTCATATG TGTATATATA ATTTTTTTTG TTTTGTCTAG2340
TGAGTTTCAA CATTTTTAAA GTTTTCAAAA AGCCATCGGA ATGTTAAATT AATGTAAAGG2400
GACAGCTAAT CTAGACCAAA GAATGGTATT TTCACTTTTC TTTGTAACAT TGAATGGTTT2460
GAAGTACTCA AAATCTGTTA CGCTAAACTT TTGATTCTTT AACACAATTA TTTTTAAACA2520
CTGGCATTTT CCAAAACTGT GGCAGCTAAC TTTTTAAAAT CTCAAATGAC ATGCAGTGTG2580
AGTAGAAGGA AGTCAACAAT ATGTGGGGAG AGCACTCGGT TGTCTTTACT TTTAAAAGTA2640
ATACTTGGTG CTAAGAATTT CAGGATTATT GTATTTACGT TCAAATGAAG ATGGCTTTTG2700
TACTTCCTGT GGACATGTAG TAATGTCTAT ATTGGCTCAT AAAACTAACC TGAAAAACAA2760
ATAAATGCTT TGGAAATGTT TCAGTTGCTT TAGAAACATT AGTGCCTGCC TGGATCCCCT2820
TAGTTTTGAA ATATTTGCCA TTGTTGTTTA AATACCTATC ACTGTGGTAG AGCTTGCATT2880
GATCTTTTCC ACAAGTATTA AACTGCCAAA ATGTGAATAT GCAAAGCCTT TCTGAATCTA2940
TAATAATGGT ACTTCTACTG GGGAGAGTGT AATATTTTGG ACTGCTGTTT TCCATTAATG3000
AGGAGAGCAA CAGGCCCCTG ATTATACAGT TCCAAAGTAA TAAGATGTTA ATTGTAATTC3060
AGCCAGAAAG TACATGTCTC CCATTGGGAG GATTTGGTGT TAAATACCAA ACTGCTAGCC3120
CTAGTATTAT GGAGATGAAC ATGATGATGT AACTTGTAAT AGCAGAATAG TTAATGAATG3180
AAACTAGTTC TTATAATTTA TCTTTATTTA AAAGCTTAGC CTGCCTTAAA ACTAGAGATC3240
AACTTTCTCA GCTGCAAAAG CTTCTAGTCT TTCAAGAAGT TCATACTTTA TGAAATTGCA3300
CAGTAAGCAT TTATTTTTCA GACCATTTTT GAACATCACT CCTAAATTAA TAAAGTATTC3360
CTCTGTTGCT TTAGTATTTA TTACAATAAA AAGGGTTTGA AATATAGCTG TTCTTTATGC3420
ATAAAACACC CAGCTAGGAC CATTACTGCC AGAGAAAAAA ATCGTATTGA ATGGCCATTT3480
CCCTACTTAT AAGATGTCTC AATCTGAATT TATTTGGCTA CACTAAAGAA TGCAGTATAT3540

190

TTAGTTTTCC ATTTGCATGA TGTTTGTGTG CTATAGATGA TATTTTAAAT TGAAAAGTTT3600
GTTTTAAATT ATTTTTACAG TGAAGACTGT TTTCAGCTCT TTTTATATTG TACATAGTCT3660
TTTATGTAAT TTACTGGCAT ATGTTTTGTA GACTGTTTAA TGACTGGATA TCTTCCTTCA3720
ACTTTTGAAA TACAAAACCA GTGTTTTTTA CTTGTACACT GTTTTAAAGT CTATTAAAAT3780
TGTCATTTGA CTTTTTTCTG 3800

Name: 292 Len: 1731 Check: 2073

GGGGGAGGCT GTGATGGGTT GACAGGTGCG TGACAGTGGG AGCTGCTCTC GGCACAAGCA 60
TGTACGGCAA AGGCAAGAGT AACAGCAGCG CCGTCCCGTC CGACAGCCAG GCCCGGGAGA 120
AGTTAGCACT CTACGTATAT GAATATCTGC TCCATGTAGG AGCTCAGAAA TCAGCTCAAA 180
CATTTTTATC AGAGATAAGA TGGGAAAAAA ACATCACATT GGGGGAACCA CCAGGATTCT 240
TACATTCTTG GTGGTGTGTA TTTTGGGATC TCTACTGTGC AGCTCCAGAG AGACGTGAAA 300
CATGTGAACA CTCAAGTGAA GCAAAAGCCT TCCATGATTA CAGTGCTGCA GCAGCTCCCA 360
GTCCAGTGCT AGGAAACATT CCCCCAGGAG ATGGCATGCC AGTAGGTCCT GTACCACCAG 420
GGTTCTTTCA GCCTTTTATG TCACCTCGGT ACCCTGGAGG TCCAAGGCCC CCATTGAGGA 480
TACCTAATCA GGCACTTGGA GGTGTCCCAG GAAGTCAGCC ATTACTCCCC AGAGGAATGG 540
ATCCAACTCG ACAACAAGGA CATCCAAATA TGGGTGGGCC AATGCAGAGA ATGACTCCTC 600
CAAGAGGAAT GGTGCCCTTA GGACCACAGA ACTATGGAGG TGCAATGAGA CCCCCACTGA 660
ATGCTTTAGG TGGCCCTGGA ATGCCTGGAA TGAACATGGG TCCAGGTGGT GGTAGACCTT 720
GGCCAAACCC AACAAATGCC AATTCAATAC CATACTCCTC AGCATCTCCT GGGAATTATG 780
TAGGTCCTCC AGGAGGTGGA GGGCCACCAG GAACACCCAT CATGCCTAGT CCAGCAGATT 840
CAACCAACTC TGGTGATAAC ATGTATACTT TAATGAATGC AGTACCTCCT GGACCTAACA 900
GACCTAATTT TCCAATGGGC CCTGGGTCAG ATGGTCCCAT GGGTGGATTA GGAGGAATGG 960
AGTCACATCA CATGAATGGC TCTTTAGGCT CAGGAGATAT GGACAGTATT TCCAAGAATT1020
CTCCCAATAA TATGAGCCTG AGTAATCAAC CGGGCACTCC AAGGGATGAT GGCGAAATGG1080
GGGGAAATTT CTTAAATCCT TTTCAGAGTG AGAGTTACTC CCCTAGCATG ACAATGAGCG1140
TGTGATCCAT TACCAAGTCT CCTCATGAAA ACCACAGTGA GTCAGCCCTT CACAGAACTA1200
CTACGGAAGA AAATTATTCA TCACAGTGTA CAGTTAAACA AAGGAATCTC AGTCACACCA1260
AACCAACCTT TTCATTTCCT GCTCTCTCCC CTCTTTTGTG AAGAAAGCGG GTCCAGATGT1320
GATTCAAACA ACTGTACGGA GTGGCATATT AGAATTGCCC TAAACTGAAC TGCAAATAAT1380
TATGTGTGTA TGTATATGTG TGGGAAAGAG AATGTACTGT ATATGTGTAT GTTATACAGA1440
CATATACACA TACATACATT GACCCACAGG ACATTGTAAA ATATTATCAC ATGACATCTT1500
AAGTAGAAAT AAGTAGGGAC TTTTATTCCA TCCTTTTTTT CACGTTTACA TTTTAATTAT1560
TACAAGTTGC TCCTGCCCCC TCCCTGAACT ATTTTGTGCT GTGTATATCA CTGCTTTATA1620
TAAGTTATTT TTTAAGGTGA ACTCAGATGT TATGGTTTTG TATATGTCTG CAATCATGGA1680
TAGGAATAAA ATCGCTTATT TGAGAGCTTT CAAAAAAAAA AAAAAAAAAA C 1731

Name: 293 Len: 3416 Check: 2559

GGTTTACACG TACCTCCGCC TCATCGTGGA CCACCATGGG ACTGCCCAGC TCCAGGCCCT 60
GCGACAGAAG GAAGTAGACT TCTGCATCTC ACTGCTTCGG GAACGGTTCA TGGAATGTCT 120
GATGATTGGT CGGGATCTCG TAAGACTACT TCAGAATGTT GCTAGGATAC CAGAATTTGA 180
ACTGCTTTGG AAAGATATTA TCCATAATCC TCAGGCCTTG AGTCCTCAGT TCACAGGTAT 240
CCTACAGCTT CTTCAGTCAA GAACATCCCG AAAATTCCTA GCATGTCGTC TAACCCCGGA 300
CATGGAGACT AAACTCCTCT TCATGACATC CCGGGTGCGA TTTGGTCAAC AAAAGCGATA 360
CCAAGATTGG TTCCAGCGCC AGTACCTGTC AACTCCAGAT AGTCAGTCTC TGCGCTGTGA 420
CCTCATTCGC TACATCTGTG GGGTAGTCCA CCCTTCTAAT GAAGTACTGA GTTCAGATAT 480
CTTGCCCCGG TGGGCCATCA TTGGTTGGCT CCTGACAACG TGCACGTCAA ATGTCGCTGC 540
CTCCAATGCC AAGCTGGCTT TGTTTTATGA CTGGCTGTTC TTTAGTCCAG ACAAGGATAG 600
CATTATGAAC ATAGAACCAG CCATCCTGGT CATGCACCAC TCCATGAAGC CCCACCCAGC 660
CATCACTGCC ACACTCCTGG ACTTCATGTG CCGCATCATT CCCAACTTCT ATCCACCATT 720
GGAGGGCCAC GTGCGGCAGG GTGTCTTTTC CTCCCTCAAC CACATTGTGG AGAAACGGGT 780
CTTGGCGTGT AAAAAGTATT GGCTCTACCT CAGACTGCTG GGCATATGTC TTCTTGGCTC 840
TTAGAGGAAT TTCTCTCCTG CCATCGTATT ACAAAGACAC CTAGCTCCCC TGTTTGACAA 900
CCCTAAGTTG GATAAGGAGC TGCGGGCAAT GCTGAGAGAG AAGTTTCCTG AGTTCTGCAG 960
CTCACCCTCC CCACCTGTGG AAGTCAAAAT TGAGGAGCCA GTTTCCATGG AGATGGACAA1020
CCATATGTCG GATAAGGATG AGAGTTGCTA TGACAATGCA GAGGCAGCCT TCAGTGACGA1080
TGAAGAGGAT CTCAACAGCA AAGGAAAGAA GAGGGAGTTT CGCTTCCACC CTATCAAGGA1140
GACAGTTGTG GAGGAGCCAG TTGATATCAC CCCTTACCTT GACCAGTTGG ATGAGTCCCT1200
GAGGGACAAA GTACTCCAGC TACAGAAGGG GAGTGATACG GAGGCCCAGT GTGAGGTCAT1260
GCAGGAAATT GTGGACCAGG TCCTGGAGGA AGACTTTGAC TCGGAGCAGC TGTCTGTCCT1320
TGCTTCCTGC CTACAGGAGC TCTTCAAGGC CCACTTTCGA GGGGAGGTCC TGCCTGAGGA1380
GATTACTGAG GAGTCCCTGG AGGAGTCTGT AGGAAAGCCT CTGTACCTAA TATTTAGGAA1440
CCTATGTCAG ATGCAGGAAG ACAACAGCAG CTTCTCTCTA CTTCTAGACC TTCTCTCCGA1500
GCTATATCAG AAGCAGCCCA AGATTGGCTA CCACCTGCTC TACTACCTGA GGGCCAGCAA1560
AGCCGCCGCA GGGAAGATGA ACCTGTACGA GTCATTTGCC CAGGCTACCC AGCTGGGCGA1620

-191-

TCTGCACACC TGCCTGATGA TGGACATGAA GGCCTGCCAG GAGGACGATG TGCGGCTCCT1680
GTGCCACCTC ACGCCCTCCA TCTACACAGA GTTTCCAGAT GAAACCTTGA GGAGCGGAGA1740
GCTGCTGAAC ATGATCGTGG CTGTTATTGA CTCTGCACAG CTCCAGGAGC TGGTCTGCCA1800
CGTGATGATG GGTAACCTGG TTATGTTTCG AAAAGACTCA GTTCTCAACA TACTCATTCA1860
GAGCCTAGAC TGGGAGACCT TTGAGCAGTA TTGTGCCTGG CAGCTCTTTC TGGCCCACAA1920
TATTCCCCTG GAGACCATAA TCCCCATCCT GCAGCACCTC AAATACAAGG AGCACCCAGA1980
GGCCCTGTCC TGCCTACTGC TTCAACTCCG AAGAGAAAAG CCCAGCGAGG AGATGGTGAA2040
GATGGTGCTG AGCCGGCCCT GCCATCCTGA CGACCAGTTC ACCACCAGCA TCCTGCGGCA2100
CTGGTGCATG AAACATGACG AGCTGCTGGC CGAGCACATC AAGTCCCTGC TCATCAAGAA2160
CAACAGCCTG CCTCGCAAGA GACAGAGCCT GAGGAGCTCT AGCAGCAAGC TGGCCCAGCT2220
GACTCTGGAG CAGATCCTGG AGCACTTGCA CAATCTGCGG CTCAACCTGA CCAACACCAA2280
GCAGAACTTT TTTAGCCAGA CGCCAATTCT CCAGGCGCTG CAGCATGTCC AAGCGAGCTG2340
TGACGAAGCC CACAAGATGA AATTCAGTGA TCTCTTCTCC CTGGCGGAGG AATATGAGGA2400
CTCTTCCACC AAGCCACCCA AGAGCCGGCG AAAAGCAGCT CTGTCCAGCC CTCGAAGTCG2460
AAAGAATGCC ACACAGCCCC CCAATGCCGA AGAAGAGTCG GGCTCCAGCA GTGCTTCAGA2520
AGAGGAAGAC ACGAAACCGA AGCCTACCAA GCGGAAACGA AAAGGGTCCT CTGCAGTGGG2580
CTCTGACAGT GACTGAGGCC CTGCATTCCC CATCCCACCC CCGGCTGGAC TGCCCTCTCC2640
TTCTTGGTGA TTCAAAGGTT AATAGAGGCT GAGGAGATTG CAGGGGAAAC ACCCTTGCTG2700
CATCCCCAAG CTCCCCCGGT GGAAGGAGGA GCTTTCTCCT CTGGCTGAGT TTGAGAAGCT2760
GCCATGCAGC CCCTAGCCCC TTCCCTCCTC CTGGGGCCTC CAGCCCCTCA CACTGCTGTT2820
CCCAGTGATA TTTGGGATCT GACTGAAGCC AGAGGCTCTG TAAAATCAGA CCATAGTGGA2880
AGTCCTCAGC CCCCTGGCCC CTTCCGCAAT CTCCTCCCCC AGTCTCCCAA AGAGCCATTT2940
CAACAGAGAA GGGAAATGAC AAAGGGGCAG CTGGCCAGAT AAGCTAGGAT GAGAGCAGAG3000
ACTCAGTGTG TGGGTGTCCC TTCCTGCTTC CCCTTCAGGT CTTGGTTTGT TCTGAAGGGA3060
CGTTTTATAG TCACTATCCA CATGCCAGTG TGAAATGGGC ATCTATGACG TGGTCAGGGT3120
GTCCATTCCT AATCATGGGG CAGATGCCAC AAGCATTCAG AAAGGAGTCT GAAAGGGTGG3180
CCACAGCCCC ACGTGGTGTG CCCTGGAGGC TTAGGTTGGT CTGAGGTTGG CACCTCAATC3240
TACACCAGAG CCCAGGGAGT CCCAGAGGCA AGTTTCACAG AATTGTCAAA TGATCCCATT3300
TCCTTGAGTC TGTTTTTTTT TTTTGTTTTT TTTTGTTTTT TTTTTGGCAG AGATAATCGT3360
GTCTTAAAAG TTGTTTTTAA ATGACAATAA AACAAGCCAG AATGTCAAAA AAAAAA 3416

Name: 294 Len: 1927 Check: 12B5

GTAAACCAGC CGGAGCGGCG CGGCAGCGGC AGGACCGCCG TGGCGCCTAG AGTAGCGACC 60
CGGGGGGAGC GCGGGGCGAC GCTGGCTGCA GGGACCCGGT GACAGCGTGA GAGGTTCGCA 120
GAGTACTAGG TTTTGACAAG CTTGCATCAT GCGTGAGTAT AAGCTAGTCG TTCTTGGCTC 180
AGGAGGCGTT GGAAAGTCTG CTTTGACTGT ACAATTTGTT CAAGGAATTT TTGTAGAAAA 240
ATACGATCCT ACGATAGAAG ATTCTTATAG AAAGCAAGTT GAAGTAGATG CACAACAGTG 300
TATGCTTGAA ATCTTGGATA CTGCAGGAAC GGAGCAATTT ACAGCAATGA GGGATTTATA 360
CATGAAAAAT GGACAAGGAT TTGCATTAGT TTATTCCATC ACAGCACAGT CCACATTTAA 420
CGATTTACAA GACCTGAGAG AACAGATTCT TCGAGTTAAA GACACTGATG ATGTTCCAAT 480
GATTCTTGTT GGTAATAAGT GTGACTTGGA AGATGAAAGA GTTGTAGGGA AGGAACAAGG 540
TCAAAATCTA GCAAGACAAT GGAACAACTG TGCATTCTTA GAATCTTCTG CAAAATCAAA 600
AATAAATGTT AATGAGATCT TTTATGACCT AGTGCGGCAA ATTAACAGAA AAACTCCAGT 660
GCCTGGGAAG GCTCGCAAAA AGTCATCATG TCAGCTGCTT TAATATACTA AATGCATTGT 720
AGCTCTGAGC CAGGTCTGAA GAACTGTTGC CCAATTCAAC AGTGCCAGCA TTCCAACTTT 780
GTTAAACCTA CCAACATCTT AAATGGACTT TCCTGTGGTG GTACCCTTTA AGAGGCGGAT 840
GAAAGCTACT ATATCAGTTT GCACATTCTA ATCACTTTCC AGTATCACAA GAGAGATTTT 900
TACTTATATA ATAGTCCTAG AGTTTGCAGC TGGTAAAACC AGAGGCTACA TCCAGTATTA 960
CTGCTAAGAG ACATTCTTCA TCCACCAATG TTGTACATGT ATGAAAATGG TGTACTGTAT1020
ACTTTAACAT GCCCCATACT TTGTATTGGA GAGTACAATA ATGTAAATCC TAAAAGCACC1080
ACTATTTTAG CATAATAAAA GAAAGTCCAA AGAGCTCCTA TATAGACTAC TCCAGATAAC1140
TTCGCTTCTT TGATACTTGT AGCTTATTGT AATTTTTTTT AAGAAATTCA AGGTCATTAT1200
TATTGTACAA AATAAGCGCT TTGATTAACA CAGCTATATA GTTTTTTTAA TTTTTAAAAA1260
ACCTGTGGAG ACGGTGATCT TGTCTTTAAA ACATGATAGT CCTTTCAGTA TAATGTCTTA1320
GATTAAAGAC GTTGCCTTTA ATATCTGTTG GGAAGGAAAT GTCCAGACTT TTCAAATCTC1380
TTATTATATG TTTCCTTTTT TTGTTTACAT AGGGAACAAT GTTTATAGTC GTGTGTACAG1440
TGGGGGTCTA CAACAAGAAG TGTATATTTT CAAACAATTT TTTAATGATT TAACAATTTT1500
TGTAAATCAT TTTCAGGCTT CTGCAGCTGT AGATTCTCAC TGTGAATCCC TTGCTTGCTC1560
ATGCATAAGT GTATTTGCAA TACCAAATAT ACAGGTTTAG TATTTTTGCC TGTTAGTGAT1620
TGTTTCACAT GTGTAACGTT TTGGTTGAGA TGTTAAATGG TGGACGAGTA CTGTGGATGT1680
GAATGTGGGA AGTAATTTTA ATCATATGTA ATTGGTCACA AGGCCTAATT TGCAGTAACT1740
ATTGCTGTTT TATTTAACAA TGCCTTGTTG CTTTGTATGC ATTAATGTTT GGATGTAAAG1800
ATTGTGTGTC TATCCAACAG GGAGCCACAG TATTTAAATT GACCAACCTA ATGTTACAAC1860
TACTTTGAGG TGGCCAAATG TAAACTAAAA GCCTTAATTA AAGTGGTGCA ATTTTGTAAA1920

192

AAAAAAA

Name: 295 Len: 1453 Check: 4EC

GGCTGTTGGC GGCGGTTGGC TCGGCGCGGG AGTCGGCTGC ACGTGCGGGC GGGGGCGATG 60
CGTCACTGAT CGGAGGAACG AGAATGAATA TGACTCAAGC CCGGGTTCTG GTGGCTGCAG 120
TGGTGGGGTT GGTGGCTGTC CTGCTCTACG CCTCCATCCA CAAGATTGAG GAGGGCCATC 180
TGGCTGTGTA CTACAGGGGA GGAGCTTTAC TAACTAGCCC CAGTGGACCA GGCTATCATA 240
TCATGTTGCC TTTCATTACT ACGTTCAGAT CTGTGCAGAC AACACTACAA ACTGATGAAG 300
TTAAAAATGT GCCTTGTGGA ACAAGTGGTG GGGTCATGAT CTATATTGAC CGAATAGAAG 360
TGGTTAATAT GTTGGCTCCT TATGCAGTGT TTGATATCGT GAGGAACTAT ACTGCAGATT 420
ATGACAAGAC CTTAATCTTC AATAAAATCC ACCATGAGCT GAACCAGTTC TGCAGTGCCC 480
ACACACTTCA GGAAGTTTAC ATTGAATTGT TTGATCAAAT AGATGAAAAC CTGAAGCAAG 540
CTCTGCAGAA AGACTTAAAC CTCATGGCCC CAGGTCTCAC TATACAGGCT GTGCGTGTTA 600
CAAAACCCAA AATCCCAGAA GCCATAAGAA GAAATTTTGA GTTAATGGAG GCTGAGAAGA 660
CAAAACTCCT TATAGCTGCA CAGAAACAAA AGGTTGTGGA AAAAGAAGCT GAGACAGAGA 720
GGAAAAAGGC AGTTATAGAA GCAGAGAAGA TTGCACAAGT GGCAAAAATT CGGTTTCAGC 780
AGAAAGTGAT GGAAAAAGAA ACTGAAAAGC GCATTTCTGA AATCGAAGAT GCTGCATTCC 840
TGGCCCGAGA GAAAGCGAAA GCAGATGCTG AATATTATGC TGCACACAAA TATGCCACCT 900
CAAACAAGCA CAAGTTGACC CCGGAATATC TGGAGCTCAA AAAGTACCAG GCCATTGCTT 960
CTAACAGTAA GATCTATTTT GGCAGCAACA TCCCTAACAT GTTCGTGGAC TCCTCATGTG1020
CTTTGAAATA TTCAGATATT AGGACTGGAA GAGAAAGCTC ACTCCCCTCT AAGGAGGCTC1080
TTGAACCCTC TGGAGAGAAC GTCATCCAAA ACAAAGAGAG CACAGGTTGA TGCAAGAGGT1140
GGAAATGTTC TCCATATCAA GATGTGGCCC AAGGGGTTAA GTGGGAACAA TCATTATACG1200
GACTCTTCAG ATTTACAGAG AACTTACACT TCATCTGTTC CACCTCTCCT GCGATAGTCC1260
TGGGTGCTCC ACTGATTGGA GGATAGAGCC AGCTGTCTGA CACACAAATG GTCTTTTCAG1320
CCACAGTCTT ATCAAGTATC CTATATGTAT TCCTTTCTAA ACTGCTACTC ATGAATGAGG1380
AAAGTCTGAT GCTAAGATAC TGCCTGCACT GGAATGTTAA ACACTAAATA TATAACAAGC1440
TGTGTTTTCG TAA 1453

Name: 296 Len: 3120 Check: 678

CCGCAGAGGG CCGGGGCTAC GGGGCAGCCC CGGGCGATGA GGGGCCGGCG TTGACCGGGA 60
AGAGCGGGCA CCGCGGCAGT GGCTCCGAGG GGACCCGCGA TGGCAGCGCC CTGAGAGGAG 120
GCTCCAGGCA GGGCGGGCTG CGCTGGCAGC GGCCGCTGAG GTGCTGGCCG GCCGGCTGGC 180
TGGCGACGGG GGCAGAAGCG ACGAGAGGCG CGCTCGGCAC CCGCACCCCC GTGCCCCCGC 240
CTCAGTTGTC TAAACTTCGG GCTCTCTTCC ACCGTCTGCG CGCCCAGAGT CAACAACTTC 300
TTCACCCCCC TCCGCCCCCG CCCTTCCCTC CGTCAGCCCC GGGAGCTCGC CGCGGCCCGG 360
GGACCAGGAA CCTCCAGCGC TGAGATGTGG CCGTGAGGCG TTGGCGGGCG CCGAGGAGAA 420
GCTCGGCGGC GTCCCGGGGC CGGAGGGCCG TGGGGCCGGG GCGCAGGGGC GCGAGCACCC 480
CGCGCCTCTC CCCCGCCTCC TCCTGCCGTC TCCGCCGCTG CCCGTGCCTT GCAAGCAGCA 540
GCCGGAGCTG CCAAGCGTCA GGGCCGCGGA GATGTCGTCG TCGTCGCCGC CGGCGGGGGC 600
TGCCAGCGCC GCCATCTCGG CCTCGGAGAA AGTGGACGGC TTCACCCGGA AATCGGTCCG 660
CAAGGCGCAG AGGCAGAAGC GCTCCCAGGG CTCGTCGCAG TTTCGCAGCC AGGGCAGCCA 720
GGCAGAGCTG CACCCGCTGC CCCAGCTCAA AGATGCCACT TCAAATGAAC AACAAGAGCT 780
TTTCTGTCAG AAGTTGCAGC AGTGTTGTAT ACTGTTTGAT TTCATGGACT CTGTTTCAGA 840
CTTGAAGAGC AAAGAAATTA AAAGAGCAAC ACTGAATGAA CTGGTTGAGT ATGTTTCAAC 900
TAATCGTGGT GTAATTGTTG AATCAGCGTA TTCTGATATA GTAAAAATGA TCAGTGCTAA 960
CATCTTCCGT ACACTTCCTC CAAGTGATAA TCCAGATTTT GATCCAGAAG AGGATGAACC1020
CACGCTTGAG GCCTCTTGGC CTCACATACA GTTGGTATAT GAATTCTTCT TGAGATTTTT1080
GGAGAGCCCT GATTTCCAGC CTAGCATTGC AAAACGATAC ATTGATCAGA AATTCGTACA1140
ACAGCTCCTG GAGCTTTTTG ATAGTGAAGA TCCCAGAGAA CGTGACTTCC TGAAGACTGT1200
TCTGCACCGA ATTTATGGGA AATTTCTTGG ATTAAGAGCA TTCATCAGAA AACAAATTAA1260
CAACATTTTC CTCAGGTTTA TATATGAAAC AGAACATTTC AATGGTGTTG CTGAACTTCT1320
TGAAATATTA GGAAGTATTA TCAATGGCTT TGCATTGCCA CTGAAAGCAG AACATAAACA1380
ATTTCTAATG AAGGTTCTTA TTCCTATGCA TACTGCAAAA GGATTAGCTT TGTTTCATGC1440
TCAGCTAGCA TATTGTGTTG TACAGTTCCT GGAGAAAGAT ACAACACTAA CAGAGCCAGT1500
GATCAGAGGA CTGCTGAAAT TTTGGCCAAA AACCTGCAGT CAGAAAGAGG TGATGTTTTT1560
AGGAGAAATT GAAGAAATCT TAGATGTCAT TGAACCAACA CAGTTCAAAA AAATTGAAGA1620
GCCACTTTTC AAGCAGATAT CCAAGTGTGT ATCCAGTTCT CATTTTCAGG TTGCAGAAAG1680
GGCATTGTAC TTCTGGAATA ACGAATATAT TCTTAGTTTG ATTGAGGAGA ACATTGATAA1740
AATTCTGCCA ATTATGTTTG CCAGTTTGTA CAAAATTTCC AAAGAACACT GGAATCCGAC1800
CATTGTAGCA CTGGTATACA ATGTGCTGAA AACCCTAATG GAAATGAATG GCAAGCTTTT1860
CGATGACCTT ACTAGCTCAT ACAAAGCTGA AAGACAGAGA GAGAAAAAGA AGGAATTGGA1920
ACGTGAAGAA TTATGGAAAA AATTAGAGGA GCTAAAGCTA AAGAAAGCTC TAGAAAAACA1980
GAATAGTGCT TACAACATGC ACAGTATTCT CAGCAATACA AGTGCCGAAT AAAAAAAAAG2040
CCTCCCACCT CTGCCGGATA GGCAGAGTTT TGTATGCTTT TTTGAAATAT GTAAAAATTA2100

193

CAAAACAAAC CTCATCAGTA TAATATAATT AAAAGGCCAA TTTTTTCTGG CAACTGTAAA2160
TGGAAAAATA TATGGACTAA ACGTAGCCCT GTGCTGTATC ATGGCCATAG TATATTGTAA2220
CCTTTGTCTA ATCATTGGAT TTATTGTGTC ACTTCTGAAG TTTCACAGAA ATGAATGAAT2280
TTTATCATCT ATGATATGAG TGAGATAATT ATGGGAGTGG TAAGAATTAT GACTTGAATT2340
CTTCTTTGAT TGTGTTGCAC ATAGATATGG TAGTCTGCTC TGTATATTTT TCCCTTTTAT2400
AATGTGCTTT TCACACTGCT GCAAACCTTA GTTACATCCT AGGAAAAAAT ACTTCCTAAA2460
ATAAAACTAA GGTATCATCC TTACCCTTCT CTTTGTCTCA CCCAGAAATA TGATGGGGGG2520
AATTACCTGC CCTAACCCCT CCCTCAATAA ATACATTACT GTACTCTGGA ATTTAGGCAA2580
AACCTTAAAT CTCCAGGCTT TTTAAAGCAC AAAATATAAA TAAAAGCTGG GAAAGTAAAC2640
CAAAATTCTT CAGATTGTTC CTCATGAATA TCCCCCTTCC TCTGCAATTC TCCAGAGTGG2700
TAACAGATGG GTAGAGGCAG CTCAGGTGAA TTACCCAGCT TGCCTCTCAA TTCATTCCTC2760
CTCTTCCTCT CAAAGGCTGA AGGCAGGGCC TTTCCAGTCC TCACAACCTG TCCTTCACCT2820
AGTCCCTCCT GACCCAGGGA TGGAGGCTTT GAGTCCCACA GTGTGGTGAT ACAGAGCACT2880
AGTTGTCACT GCCTGGCTTT ATTTAAAGGA ACTGCAGTAG GCTTCCTCTG TAGAGCTCTG2940
AAAAGGTTGA CTATATAGAG GTCTTGTATG TTTTTACTTG GTCAAGTATT TCTCACATCT3000
TTTGTTATCA GAGTACCATT CCAATCTCTT AACTTGCAGT TGTGTGGAAA ACTGTTTTGT3060
AATGAAAGAT CTTCATTGGG GGATTGAGCA GCATTTAATA AAGTCTATGT TTGTATTTTG3120

Name: 297 Len: 1759 Check: 127B

CAGCCGTTGA GGGGACGGGC CTGCGTTCTC TCCTCCTTCC TCCCCGCCTC CAGCTGCCGG 60
CAGGACCTTT CTCTCGCTGC CGCTGGGACC CCGTGTCATC GCCCAGGCCG AGCACGATGC 120
CCCCTAAAAA GGGAGGTGAT GGAATTAAAC CACCCCCAAT CATTGGAAGA TTTGGAACCT 180
CACTGAAAAT TGGTATTGTT GGATTGCCAA ATGTTGGGAA ATCTACTTTC TTCAATGTGT 240
TAACCAATAG TCAGGCTTCA GCAGAAAACT TCCCGTTCTG CACTATTGAT CCTAATGAGA 300
GCAGAGTACC TGTGCCAGAT GAAAGGTTTG ACTTTCTTTG TCAATACCAC AAACCAGCAA 360
GCAAAATTCC TGCCTTTCTA AATGTGGTGG ATATTGCTGG CCTTGTGAAA GGAGCTCACA 420
ATGGGCAGGG CCTGGGGAAT GCTTTTTTAT CTCATATTAG TGCCTGTGAT GGCATCTTTC 480
ATCTAACACG TGCTTTTGAA GATGATGATA TCACGCACGT TGAAGGAAGT GTAGATCCTA 540
TTCGAGATAT AGAAATAATA CATGAAGAGC TTCAGCTTAA AGATGAGGAA ATGATTGGGC 600
CCATTATAGA TAAACTAGAA AAGGTGGCTG TGAGAGGAGG AGATAAAAAA CTAAAACCTG 660
AATATGATAT AATGTGCAAA GTAAAATCCT GGGTTATAGA TCAAAAGAAA CCTGTTCGCT 720
TCTATCATGA TTGGAATGAC AAAGAGATTG AAGTGTTGAA TAAACACTTA TTTTTGACTT 780
CAAAACCAAT GGTCTACTTG GTTAATCTTT CTGAAAAAGA CTACATTAGA AAGAAAAACA 840
AATGGTTGAT AAAAATTAAA GAGTGGGTGG ACAAGTATGA CCCAGGTGCT TTGGTCATTC 900
CTTTTAGTGG GGCCTTGGAA CTCAAGTTGC AAGAATTGAG TGCTGAGGAG AGACAGAAGT 960
ATCTGGAAGC GAACATGACA CAAAGTGCTT TGCCAAAGAT CATTAAGGCT GGGTTTGCAG1020
CACTCCAACT AGAATACTTT TTCACTGCAG GCCCAGATGA AGTGCGTGCA TGGACCATCA1080
GGAAAGGGAC TAAGGCTCCT CAGGCTGCAG GAAAGATTCA CACAGATTTT GAAAAGGGAT1140
TCATTATGGC TGAAGTAATG AAATACGAAG ATTTTAAAGA GGAAGGTTCT GAAAATGCAG1200
TCAAGGCTGC TGGAAAGTAC AGACAACAAG GCAGAAATTA TATTGTTGAA GATGGAGATA1260
TTATCTTCTT CAAATTTAAC ACACCTCAAC AACCGAAGAA GAAATAAAAT TTAGTTATTG1320
CTCAGATAAA CATACAACTT CCAAAAGGCA TCTGATTTTT AAAAAATTAA AATTTCTGAA1380
AACCAATGCG ACAAATAAAG TTGGGGAGAT GGGAATCTTT GACAAACAAA TTATTTTTAT1440
TTGTTTTAAA ATTAAAATAC TGTGTACCCC CCCCCCCCCA TGAAATGCAG GTTCACTAAA1500
TGTGAACAGC TTTGCTTTTC ACGTGATTAA GACCCTACTC CAAATTGTAG AAGCTTTTCA1560
GGAACCATAT TACTCTCATG ATACTTCATT AATCTCCATC ATGTATGCCA AGCCTGACAC1620
ATTTGACAGT GAGGACAATG TGGCTTGCTC CTTTTTGAAT CTACAGATAA TGCATGTTTT1680
ACAGTACTCC AGATGTCTAC ACTCAATAAA ACATTTGACA AAACCAAAAA AAAAAAAAAA1740
AAAAAAAAAA AAAAAAAAA 1759

Name: 298 Len: 2374 Check: 1C94

GTCATGCAGT GCGCCGGAGA ACTGTGCTCT TTGAGGCCGA CGCTAGGGGC CCGGAAGGAA 60
ACTGCGAGGC GAAGGTGACC GGGGACCGAG CATTTCAGAT CTGCTCGGTA GACCTGGTGC 120
ACCACCACCA TGTTGGCTGC AAGGCTGGTG TGTCTCCGGA CACTACCTTC TAGGGTTTTC 180
CACCCAGCTT TCACCAAGGC CTCCCCTGTT GTGAAGAATT CCATCACGAA GAATCAATGG 240
CTGTTAACAC CTAGCAGGGA ATATGCCACC AAAACAAGAA TTGGGATCCG GCGTGGGAGA 300
ACTGGCCAAG AACTCAAAGA GGCAGCATTG GAACCATCGA TGGAAAAAAT ATTTAAAATT 360
GATCAGATGG GAAGATGGTT TGTTGCTGGA GGGGCTGCTG TTGGTCTTGG AGCATTGTGC 420
TACTATGGCT TGGGACTGTC TAATGAGATT GGAGCTATTG AAAAGGCTGT AATTTGGCCT 480
CAGTATGTCA AGGATAGAAT TCATTCCACC TATATGTACT TAGCAGGGAG TATTGGTTTA 540
ACAGCTTTGT CTGCCATAGC AATCAGCAGA ACGCCTGTTC TCATGAACTT CATGATGAGA 600
GGCTCTTGGG TGACAATTGG TGTGACCTTT GCAGCCATGG TTGGAGCTGG AATGCTGGTA 660
CGATCAATAC CATATGACCA GAGCCCAGGC CCAAAGCATC TTGCTTGGTT GCTACATTCT 720
GGTGTGATGG GTGCAGTGGT GGCTCCTCTG ACAATATTAG GGGGTCCTCT TCTCATCAGA 780
GCTGCATGGT ACACAGCTGG CATTGTGGGA GGCCTCTCCA CTGTGGCCAT GTGTGCGCCC 840

194

AGTGAAAAGT TTCTGAACAT GGGTGCACCC CTGGGAGTGG GCCTGGGTCT CGTCTTTGTG 900
TCCTCATTGG GATCTATGTT TCTTCCACCT ACCACCGTGG CTGGTGCCAC TCTTTACTCA 960
GTGGCAATGT ACGGTGGATT AGTTCTTTTC AGCATGTTCC TTCTGTATGA TACCCAGAAA1020
GTATCAAGCG TGCAGAAGTA TCACCAATGT ATGGAGTTCA AAAATATGAT CCCATTAACT1080
CGATGCTGAG TATCTACATG GATACATTAA ATATATTTAT GCGAGTTGCA ACTATGCTGG1140
CAACTGGAGG CAACAGAAAG AAATGAAGTG ACTCAGCTTC TGGCTTCTCT GCTACATCAA1200
ATATCTTGTT TAATGGGGCA GATATGCATT AAATAGTTTG TACAAGCAGC TTTCGTTGAA1260
GTTTAGAAGA TAAGAAACAT GTCATCATAT TTAAATGTTC CGGTAATGTG ATGCCTCAGG1320
TCTGCCTTTT TTTCTGGAGA ATAAATGCAG TAATCCTCTC CCAAATAAGC ACACACATTT1380
TCAATTCTCA TGTTTGAGTG ATTTTAAAAT GTTTTGGTGA ATGTGAAAAC TAAAGTTTGT1440
GTCATGAGAA TGTAAGTCTT TTTTCTACTT TAAAATTTAG TAGGTTCACT GAGTAACTAA1500
AATTTAGCAA ACCTGTGTTT GCATATTTTT TTGGAGTGCA GAATATTGTA ATTAATGTCA1560
TAAGTGATTT GGAGCTTTGG TAAAGGGACC AGAGAGAAGG AGTCACCTGC AGTCTTTTGT1620
TTTTTTAAAT ACTTAGAACT TAGCACTTGT GTTATTGATT AGTGAGGAGC CAGTAAGAAA1680
CATCTGGGTA TTTGGAAACA AGTGGTCATT GTTACATTCA TCTGCTGAAC TTAACAAAAC1740
TGTTCATCCT GAAACAGGCA CAGGTGATGC ATTCTCCTGC TGTTGCTTCT CAGTGCTCTC1800
TTTCCAATAT AGATGTGGTC ATGTTTGACT TGTACAGAAT GTTAATCATA CAGAGAATCC1860
TTGATGGAAT TATATATGTG TGTTTTACTT TTGAATGTTA CAAAAGGAAA TAACTTTAAA1920
ACTATTCTCA AGAGAAAATA TTCAAAGCAT GAAATATGTT GCTTTTTCCA GAATACAAAC1980
AGTATACTCA TGAATTGCTA AGTGTTTTTT TATTTTTGCA TATTTATTGA ACTGTCTAAT2040
TGAATACAGC TTGCTCTTGT CACCTCTTCA AGCTTTCAAG CCTTTATAGA AAAGCTTCTT2100
TGTGGCTTAC ACTGGAAATT ATGAAAGCAG TTTTTCTCCT AAGACTTTTG GTTTCTCGCA2160
TTGCCTCTCA GACTAAGCAC TAAAAAGCAA AGCAAAACAG AACTAGTTCT GTCTTAATGA2220
AATATATCAA CCCAAAAGTG TAATGAGGAA AATGCTTCAT TAGTTTCCCC TAGCAGACTT2280
TTACTTCTCT TACACTGCTA CACCATTACT TTCTTGAGAC ATTTGTAAGT CCTTTGATAC2340
AGAAGAGTTA TATTTAGGAG GCTTTAATGA AGGG 2374

Name: 299 Len: 5112 Check: 15A6

GTAGCTGGGG TGAGGCCGTC GTCGCCGCAC GGGCTGGTTG GGGCTGTGTC TGTGGGAGGC 60
GCCGGGGTGA TGGCGGTGGA GACTCTGTCC CCGGACTGGG AGTTTGACCG CGTTGACGAC 120
GGCTCGCAGA AAATTCATGC CGAAGTCCAA CTTAAGAATT ATGGGAAATT TCTTGAGGAG 180
TATACCTCTC AACTGAGAAG AATTGAGGAC GCTCTGGATG ACTCAATTGG AGATGTTTGG 240
GATTTCAATC TTGATCCTAT AGCATTAAAG CTTTTGCCTT ATGAACAGTC CTCTCTTTTG 300
GAACTCATAA AGACTGAAAA CAAGGTCTTA AACAAAGTCA TCACTGTTTA TGCTGCACTT 360
TGTTGTGAAA TCAAGAAATT AAAATATGAG GCTGAAACTA AATTTTACAA TGGTCTCTTG 420
TTTTATGGAG AAGGAGCTAC AGATGCCAGC ATGGTGGAAG GTGATTGCCA AATTCAAATG 480
GGGAGATTTA TTTCATTCTT ACAGGAACTG TCTTGCTTTG TTACGAGGTG CTATGAAGTG 540
GTGATGAACG TAGTCCACCA GTTGGCTGCC CTCTATATCA GTAACAAGAT TGCACCCAAA 600
ATTATAGAGA CAACTGGAGT TCATTTTCAG ACTATGTATG AGCACTTGGG AGAACTGCTA 660
ACAGTTTTGC TCACCCTGGA TGAAATTATT GATAATCATA TCACACTGAA AGACCACTGG 720
ACTATGTACA AAAGGTTACT GAAATCTGTC CATCACAATC CTTCAAAATT TGGAATTCAG 780
GAAGAAAAAT TAAAGCCATT TGAAAAGTTC TTGCTGAAGC TAGAAGGGCA ATTACTGGAT 840
GGAATGATAT TCCAGGCCTG TATAGAACAA CAATTTGATT CTCTCAATGG AGGAGTATCT 900
GTGTCAAAAA ATAGTACTTT TGCTGAGGAA TTTGCACATA GTATTCGGTC AATTTTTGCA 960
AATGTAGAAG CCAAACTTGG AGAACCTTCT GAAATTGACC AGAGAGACAA GTATGTTGGA1020
ATTTGTGGAC TCTTTGTATT GCACTTTCAG ATTTTTCGAA CTATTGATAA AAAGTTTTAT1080
AAGTCTTTAT TGGACATTTG TAAGAAGGTA CCAGCCATCA CTCTAACTGC TAATATTATT1140
TGGTTTCCTG ATAATTTTCT GATCCAGAAA ATACCAGCAG CTGCCAAACT GCTAGACAGA1200
AAAAGTCTTC AAGCCATTAA AATACACAGG GATACTTTTC TACAACAGAA AGCTCAATCA1260
CTTACCAAAG ATGTACAGTC TTACTACGTC TTTGTGAGCT CATGGATGAT GAAAATGGAA1320
TCTATTTTGT CTAAAGAGCA GAGAATGGAT AAATTTGCTG AAGATCTCAC CAATAGATGT1380
AATGTTTTTA TACAGGGCTT CTTGTATGCA TATAGTATTA GTACCATTAT TAAAACCACA1440
ATGAATCTCT ACATGTCCAT GCAAAAGCCA ATGACCAAAA CCTCAGTTAA GGCATTGTGC1500
AGGCTTGTTG AACTTCTCAA GGCAATAGAG CATATGTTCT ACAGGAGAAG CATGGTTGTG1560
GCTGATTCAG TTTCACATAT AACACAGCAC CTTCAACATC AGGCTCTTCA TTCTATTTCT1620
GTGGCCAAGA AAAGAGTGAT TTCTGACAAA AAATACAGCG AACAGCGTCT TGATGTGCTC1680
TCTGCTCTAG TTTTGGCTGA AAACACTCTA AATGGACCAA GCACAAAGCA ACGGCGACTT1740
ATTGTTTCTT TGGCACTAAG TGTTGGCACA CAAATGAAAA CATTTAAAGA TGAAGAACTC1800
TTTCCACTTC AAGTAGTCAT GAAAAAACTG GATCTTATTA GTGAACTTAG AGAACGAGTC1860
CAAACACAAT GTGACTGTTG TTTTTTATAC TGGCATCGAG CTGTCTTCCC AATTTATTTA1920
GATGATGTAT ATGAAAATGC TGTTGATGCA GCCAGATTAC ATTACATGTT CAGTGCTTTG1980
CGCGACTGTG TACCTGCTAT GATGCATGCA AGGCATTTAG AGTCCTATGA GATACTTCTG2040
GATTGCTATG ACAAGGAAAT TATGGAAATT TTAAATGAGC ATTTGCTGGA CAAATTATGC2100
AAAGAAATAG AGAAAGATCT GCGACTTTCT GTGCATACTC ATTTAAAGCT GGATGACCGA2160

AACCCTTTCA AAGTTGGCAT GAAAGACCTG GCTCTTTTTT TCTCTCTGAA TCCAATTCGG2220
TTTTTCAATC GTTTCATTGA CATTCGGGCT TACGTAACTC ACTACCTAGA CAAGACTTTC2280
TACAATCTAA CAACTGTAGC CCTTCATGAC TGGGCCACTT ATAGTGAGAT GAGAAACTTA2340
GCTACTCAGC GTTATGGACT GGTTATGACA GAGGCACATC TTCCCAGTCA GACTTTGGAA2400
CAGGGCCTTG ATGTTTTAGA AATTATGAGA AACATTCATA TATTTGTGTC CCGATACCTC2460
TATAATCTCA ACAATCAGAT TTTTATTGAA CGAACAAGCA ATAACAAGCA TTTGAATACT2520
ATTAATATTC GGCATATTGC TAATTCAATT CGAACACATG GCACGGGAAT TATGAATACA2580
ACTGTTAATT TCACCTACCA GTTTTTGAAA AAGAAGTTCT ATATATTTAG CCAATTTATG2640
TATGATGAAC ACATCAAATC CAGATTGATT AAAGATATTC GATTTTTCAG GGAAATTAAG2700
GACCAAAATG ATCATAAGTA TCCTTTTGAT AGAGCAGAAA AATTCAATCG AGGCATCAGA2760
AAACTTGGAA TAACACCTGA GGGACAGAGC TACCTTGATC AATTCAGGCA ACTCATCAGC2820
CAGATTGGTA ATGCTATGGG CTATGTACGA ATGATAAGAT CTGGTGGTCT TCATTGTAGC2880
AGCAATGCCA TTAGATTTGT TCCTGATCTT GAAGATATTG TAAATTTTGA AGAACTAGTA2940
AAAGAAGAAG GTCTTGCAGA AGAAACATTA AAAGCAGCAA GGCATTTGGA TTCAGTCCTC3000
AGTGATCACA CACGAAATTC TGCCGAAGGC ACAGAATATT TCAAAATGCT TGTAGACGTT3060
TTTGCTCCAG AATTTCGAAG GCCAAAGAAT ATACATCTCC GAAATTTCTA TATAATTGTT3120
CCCCCTCTGA CCCTCAACTT TGTAGAGCAT TCCATTAGTT GCAAGGAAAA ATTAAATAAA3180
AAAAATAAAA TTGGAGCTGC CTTTACTGAT GATGGCTTTG CCATGGGTGT GGCTTACATT3240
CTAAAGCTTT TGGATCAGTA TCGGGAGTTT GATTCACTTC ACTGGTTCCA GTCTGTTAGA3300
GAGAAATACC TGAAGGAGAT AAGAGCAGTT GCTAAGCAAC AGAATGTACA GTCAGCCAGT3360
CAAGATGAAA AACTCTTACA AACCATGAAT CTCACTCAGA AGCGACTGGA TGTCTATCTA3420
CAGGAATTTG AATTGCTGTA TTTCTCACTG AGCAGTGCAA GAATTTTCTT CAGAGCAGAC3480
AAGACTGCGG CTGAAGAAAA CCAAGAAAAG AAAGAGAAGG AAGAAGAAAC TAAAACAAGC3540
AATGGAGACC TGTCTGACAG CACTGTGTCT GCTGATCCTG TTGTGAAATG ATACGGATGG3600
TATTCACTGC ACATATGATG AAATCATCAG AATTGTTAAA ACTTTTGCCA GTGGAATGGA3660
TAAACTATTG ATGAATTGTT TCCTGGGTCA CATCTCTGGA AAATAGATGT TACAGTTCTT3720
AAAGGCAGTG CTTTAAAGTG AAGTTCATTC TGTTTCCAAA GGCTCTACTT TCAAAGGTTA3780
AGAATGAGAT TTTAAAATTG GATTTTTGCC TGGACTTGAG GGTACAAGAT GTTTCTATTT3840
GAAGTGAAGT TATAAAAGGG CAAATCCAGA TTCATAAACT ATCACCTCGG ATTTCTTGTA3900
ATCTACATGT TTGTAATTTG TATTTGCATA GATCTTTGAT CTATAGTTAT TTCAAGTCAT3960
GGGAAATTCA ATGCATATAC TATATACAGC CAGTAAATAC ATGCTTAACA AAAGGAATGA4020
GCCTGAAGTT CATAAAGAAT ACATATCAAT ATTCTTATAA AAGGAATATA TGAAGATGGC4080
TTTGATACTA GAGGTGAGGC ACAAGTGTTT TATGTACTCT CAGTGTACAG TATAACTGAT4140
GATCCTTCTT TCATTGTTAA TTTCATGTGA CTCACAAGAG CTGCTGATGT CTTTGATGAG4200
ACATTTTATA ACTAGTTTAC ATTGCTTTGA GAACATTTAA CCTCCAACAG CTGCTTTAAA4260
TTTAAGATTT ACTTAATACT CAGAAAATTC AGATAAAGCC ATAGAGTCCT GTTTGAAGCT4320
TCACTTCTAT TTTGGTTGAA GGCATGATGT ATGATGTCAG AAAAAAAATT GAATGAATTA4380
TTTCTACATC CAAACTCAGG TTTCTTCTAC ATTAGATTGA ATTGAAATTT TGGTGATGGT4440
TTGGGTAGAC TTTTTTTTTA TATCAAGTAT AATTTAAAAC ATCAGATTAA ATAATTACAC4500
TGTTCAGGCT TTTAAAAAAA TACCACTGTG AGAATAAAGC GCTAGTAAGA TACATCACTT4560
ACTGATTTTA AAAATACAGA AAGATTTTGA GTAAATTTTG TGCCCAGCAA GCTGTTAGTT4620
TTATTTTTGT AAAGGTATGT AAGTTATTAA ATGGTTAATC ATGGCCTTTT AAAAATAAAA4680
TAAAGTGATA CCTTTACAAT GAAGACAAAA GTTTAAAACT TTCTAATACA AACACCATTT4740
TGGGAAATGC TTGATTTTTT TCTATTGCAT TTGTCTGCTA AACATTTCTT TGGATAAATC4800
CTGCAAATAC TTCTAACATT ATTCTTTGAT TCCAGCTTTT AGAATGGGTG TACAATGCCC4860
TGTTTGTACT TAATGGTTAG GGTCAGGGTA ACTTGCCAGC CCAAGATAAA TACTTTAATC4920
GTTAAAAGTC AGAAGAGACA GAATATGTAG GAAATGTTTT TTGTTTATTA TGTAAACATG4980
GCTTACAGAA TTATGAACAG TGGATAGATT AAAGGCATTT AATATTTGTA ATTCATAATA5040
ACTGTAGAAA TGGCCCTAAA GCATGCTGCA TAATTAATAA TTTATATTTT CATTATTATA5100
AGTGTTTATA TT 5112

Name: 3 Len: 360 Check: 1BBA
GGCACGAGGC ATAGGGCTCG GCGTGGTTTC ACAGGTGGTT TCTTGGGCAA GATGGGCCCA 60
CCTTCAAGTA TTCTGGGATC AAGTTCACGT GCTTTGAATT TGTATTGTTG CAATTTCTCG120
AGCTCCTCAG CCTCCAGCTC TGCTGTACTT TTGCAGGTCA CAGCCCGTGC ACGGTGTTTG180
GTTTGCAGTA CAGGAGTCTG TGGGTCTCTG CAAATCTTGG TCACAGAAGA TTTGGAGGGT240
AACAGGTTAA TATCATCCTT CTTGGCTCCT CAAATGATAT CTGTTAGGGG TTCGTTTATG300
GAAGTCTTCA ACTTGCTGTG CAAGGTGGGC ACATNATGTA GAAACTGTTT CANCAAATGT360

Name: 30 Len: 477 Check: 1EA7
CCAGTGTTCT AGTTACATTA ATGAGAACAG AAACATAAAC TATGACCTAG GGGTTTCTGT 60
TGGATAGCTT GTAATTAAGA ACGGAGAAAG AACAACAAAG ACATATTTTC CAGTTTTTTT120
TTTCTTTACT TAAACTCTGA AAACAACAGA AACTTTGTCT TCCTACTCTT ACATTCTAAA180
CCGATGAAAT CTTTAACAGA TTACACTTTA AATATCTACT CATCATTTTC TCTCTCAGAG240
TCCTAGCTTG AGTTGCACTG CATGTATCNT GTGCATCTTG TTCTCTTCAT TTAATGCTGT300

196

```
ACTGTTCTGC TGAGCTCTGA GGGACTATCT TGAGAGATGT AATGGAAGGA AAGCGTGGTG360
TTAATCTGCG TACTGCTTAA GACAGTANTT CCATAATCAA TGATGGGTTC ATAGAGAAAC420
TAAGTCCTAT GAACCTGACC TCCTTTATGG CTAATACGAC TAAGCAAGAA TNGAGGG  477
                          Len:  4834  Check:     F95
Name: 300
GATGTGGAGC TGGGGTCCCT GCAAGTCATG AACAAAACGA GAAAGATTAT GGAACATGGG  60
GGGGCCACCT TCATCAATGC CTTTGTGACT ACACCCATGT GCTGCCCGTC ACGGTCCTCC 120
ATGCTCACCG GGAAGTATGT GCACAATCAC AATGTCTACA CCAACAACGA GAACTGCTCT 180
TCCCCCTCGT GGCAGGCCAT GCATGAGCCT CGGACTTTTG CTGTATATCT TAACAACACT 240
GGCTACAGAA CAGCCTTTTT TGGAAAATAC CTCAATGAAT ATAATGGCAG CTACATCCCC 300
CCTGGGTGGC GAGAATGGCT TGGATTAATC AAGAATTCTC GCTTCTATAA TTACACTGTT 360
TGTCGCAATG GCATCAAAGA AAAGCATGGA TTTGATTATG CAAAGGACTA CTTCACAGAC 420
TTAATCACTA ACGAGAGCAT TAATTACTTC AAAATGTCTA AGAGAATGTA TCCCCATAGG 480
CCCGTTATGA TGGTGATCAG CCACGCTGCG CCCCACGGCC CCGAGGACTC AGCCCCACAG 540
TTTTCTAAAC TGTACCCCAA TGCTTCCCAA CACATAACTC CTAGTTATAA CTATGCACCA 600
AATATGGATA AACACTGGAT TATGCAGTAC ACAGGACCAA TGCTGCCCAT CCACATGGAA 660
TTTACAAACA TTCTACAGCG CAAAAGGCTC CAGACTTTGA TGTCAGTGGA TGATTCTGTG 720
GAGAGGCTGT ATAACATGCT CGTGGAGACG GGGGAGCTGG AGAATACTTA CATCATTTAC 780
ACCGCCGACC ATGGTTACCA TATTGGGCAG TTTGGACTGG TCAAGGGGAA ATCCATGCCA 840
TATGACTTTG ATATTCGTGT GCCTTTTTTT ATTCGTGGTC CAAGTGTAGA ACCAGGATCA 900
ATAGTCCCAC AGATCGTTCT CAACATTGAC TTGGCCCCCA CGATCCTGGA TATTGCTGGG 960
CTCGACACAC CTCCTGATGT GGACGGCAAG TCTGTCCTCA AACTTCTGGA CCCAGAAAAG1020
CCAGGTAACA GGTTTCGAAC AAACAAGAAG GCCAAAATTT GGCGTGATAC ATTCCTAGTG1080
GAAAGAGGCA AATTTCTACG TAAGAAGGAA GAATCCAGCA AGAATATCCA ACAGTCAAAT1140
CACTTGCCCA AATATGAACG GGTCAAAGAA CTATGCCAGC AGGCCAGGTA CCAGACAGCC1200
TGTGAACAAC CGGGGCAGAA GTGGCAATGC ATTGAGGATA CATCTGGCAA GCTTCGAATT1260
CACAAGTGTA AAGGACCCAG TGACCTGCTC ACAGTCCGGC AGAGCACGCG GAACCTCTAC1320
GCTCGCGGCT TCCATGACAA AGACAAAGAG TGCAGTTGTA GGGAGTCTGG TTACCGTGCC1380
AGCAGAAGCC AAAGAAAGAG TCAACGGCAA TTCTTGAGAA ACCAGGGGAC TCCAAAGTAC1440
AAGCCCAGAT TTGTCCATAC TCGGCAGACA CGTTCCTTGT CCGTCGAATT TGAAGGTGAA1500
ATATATGACA TAAATCTGGA AGAAGAAGAA GAATTGCAAG TGTTGCAACC AAGAAACATT1560
GCTAAGCGTC ATGATGAAGG CCACAAGGGG CCAAGAGATC TCCAGGCTTC CAGTGGTGGC1620
AACAGGGGCA GGATGCTGGC AGATAGCAGC AACGCCGTGG GCCCACCTAC CACTGTCCGA1680
GTGACACACA AGTGTTTTAT TCTTCCCAAT GACTCTATCC ATTGTGAGAG AGAACTGTAC1740
CAATCGGCCA GAGCGTGGAA GGACCATAAG GCATACATTG ACAAAGAGAT TGAAGCTCTG1800
CAAGATAAAA TTAAGAATTT AAGAGAAGTG AGAGGACATC TGAAGAGAAG GAAGCCTGAG1860
GAATGTAGCT GCAGTAAACA AAGCTATTAC AATAAAGAGA AAGGTGTAAA AAAGCAAGAG1920
AAATTAAAGA GCCATCTTCA CCCATTCAAG GAGGCTGCTC AGGAAGTAGA TAGCAAACTG1980
CAACTTTTCA AGGAGAACAA CCGTAGGAGG AAGAAGGAGA GGAAGGAGAA GAGACGGCAG2040
AGGAAGGGGG AAGAGTGCAG CCTGCCTGGC CTCACTTGCT TCACGCATGA CAACAACCAC2100
TGGCAGACAG CCCCGTTCTG GAACCTGGGA TCTTTCTGTG CTTGCACGAG TTCTAACAAT2160
AACACCTACT GGTGTTTGCG TACAGTTAAT GAGACGCATA ATTTTCTTTT CTGTGAGTTT2220
GCTACTGGCT TTTTGGAGTA TTTTGATATG AATACAGATC CTTATCAGCT CACAAATACA2280
GTGCACACGG TAGAACGAGG CATTTTGAAT CAGCTACACG TACAACTAAT GGAGCTCAGA2340
AGCTGTCAAG GATATAAGCA GTGCAACCCA AGACCTAAGA ATCTTGATGT TGGAAATAAA2400
GATGGAGGAA GCTATGACCT ACACAGAGGA CAGTTATGGG ATGGATGGGA AGGTTAATCA2460
GCCCCGTCTC ACTGCAGACA TCAACTGGCA AGGCCTAGAG GAGCTACACA GTGTGAATGA2520
AAACATCTAT GAGTACAGAC AAAACTACAG ACTTAGTCTG GTGGACTGGA CTAATTACTT2580
GAAGGATTTA GATAGAGTAT TTGCACTGCT GAAGAGTCAC TATGAGCAAA ATAAAACAAA2640
TAAGACTCAA ACTGCTCAAA GTGACGGGTT CTTGGTTGTC TCTGCTGAGC ACGCTGTGTC2700
AATGGAGATG GCCTCTGCTG ACTCAGATGA AGACCCAAGG CATAAGGTTG GGAAAACACC2760
TCATTTGACC TTGCCAGCTG ACCTTCAAAC CCTGCATTTG AACCGACCAA CATTAAGTCC2820
AGAGAGTAAA CTTGAATGGA ATAACGACAT TCCAGAAGTT AATCATTTGA ATTCTGAACA2880
CTGGAGAAAA ACCGAAAAAT GGACGGGGCA TGAAGAGACT AATCATCTGG AAACCGATTT2940
CAGTGGCGAT GGCATGACAG AGCTAGAGCT CGGGCCCAGC CCCAGGCTGC AGCCCATTCG3000
CAGGCACCCG AAAGAACTTC CCCAGTATGG TGGTCCTGGA AAGGACATTT TTGAAGATCA3060
ACTATATCTT CCTGTGCATT CCGATGGAAT TTCAGTTCAT CAGATGTTCA CCATGGCCAC3120
CGCAGAACAC CGAAGTAATT CCAGCATAGC GGGGAAGATG TTGACCAAGG TGGAGAAGAA3180
TCACGAAAAG GAGAAGTCAC AGCACCTAGA AGGCAGCGCC TCCTCTTCAC TCTCCTCTGA3240
TTAGATGAAA CTGTTACCTT ACCCTAAACA CAGTATTTCT TTTTAACTTT TTTATTTGTA3300
AACTAATAAA GGTAATCACA GCCACCAACA TTCCAAGCTA CCCTGGGTAC CTTTGTGCAG3360
TAGAAGCTAG TGAGCATGTG AGCAAGCGGT GTGCACACGG AGACTCATCG TTATAATTTA3420
CTATCTGCCA AGAGTAGAAA GAAAGGCTGG GGATATTTGG GTTGGCTTGG TTTTGATTTT3480
TTGCTTGTTT GTTTGTTTTG TACTAAAACA GTATTATCTT TTGAATATCG TAGGGACATA3540
```

197

AGTATATACA TGTTATCCAA TCAAGATGGC TAGAATGGTG CCTTTCTGAG TGTCTAAAAC3600
TTGACACCCC TGGTAAATCT TTCAACACAC TTCCACTGCC TGCGTAATGA AGTTTTGATT3660
CATTTTTAAC CACTGGAATT TTTCAATGCC GTCATTTTCA GTTAGATGAT TTTGCACTTT3720
GAGATTAAAA TGCCATGTCT ATTTGATTAG TCTTATTTTT TTATTTTTAC AGGCTTATCA3780
GTCTCACTGT TGGCTGTCAT TGTGACAAAG TCAAATAAAC CCCCAAGGAC GACACACAGT3840
ATGGATCACA TATTGTTTGA CATTAAGCTT TTGCCAGAAA ATGTTGCATG TGTTTTACCT3900
CGACTTGCTA AAATCGATTA GCAGAAAGGC ATGGCTAATA ATGTTGGTGG TGAAAATAAA3960
TAAATAAGTA AACAAAATGA AGATTGCCTG CTCTCTCTGT GCCTAGCCTC AAAGCGTTCA4020
TCATACATCA TACCTTTAAG ATTGCTATAT TTTGGGTTAT TTTCTTGACA GGAGAAAAAG4080
ATCTAAAGAT CTTTTATTTT CATCTTTTTT GGTTTTCTTG GCATGACTAA GAAGCTTAAA4140
TGTTGATAAA ATATGACTAG TTTTGAATTT ACACCAAGAA CTTCTCAATA AAAGAAAATC4200
ATGAATGCTC CACAATTTCA ACATACCACA AGAGAAGTTA ATTTCTTAAC ATTGTGTTCT4260
ATGATTATTT GTAAGACCTT CACCAAGTTC TGATATCTTT TAAAGACATA GTTCAAAATT4320
GCTTTTGAAA ATCTGTATTC TTGAAAATAT CCTTGTTGTG TATTAGGTTT TTAAATACCA4380
GCTAAAGGAT TACCTCACTG AGTCATCAGT ACCCTCCTAT TCAGCTCCCC AAGATGATGT4440
GTTTTTGCTT ACCCTAAGAG AGGTTTTCTT CTTATTTTTA GATAATTCAA GTGCTTAGAT4500
AAATTATGTT TTCTTTAAGT GTTTATGGTA AACTCTTTTA AAGAAAATTT AATATGTTAT4560
AGCTGAATCT TTTTGGTAAC TTTAAATCTT TATCATAGAC TCTGTACATA TGTTCAAATT4620
AGCTGCTTGC CTGATGTGTG TATCATCGGT GGGATGACAG AACAAACATA TTTATGATCA4680
TGAATAATGT GCTTTGTAAA AAGATTTCAA GTTATTAGGA AGCATACTCT GTTTTTTAAT4740
CATGTATAAT ATTCCATGAT ACTTTTATAG AACAATTCTG GCTTCAGGAA AGTCTAGAAG4800
CAATATTTCT TCAAATAAAA GGTGTTTAAA CTTT 4834

Name: 301 Len: 4112 Check: 1385

CAAGGCGCCT GCGACTCGGT CCCAGGTCGG CGGGCGGCGC GCGGCGGGCT CGCGCGGGGG 60
CCCCGGCGCG CCGGGCGGCG CAGTACGCAG CGCGCGGACC CACGCCACGG CCAGGAGCCC 120
AGAGCAGCGC GGCCACACTG CCCAGGGGTC GGCCCTCGGC CCCGGCGCTC GGAGCGCGGC 180
GGCTGCCTGG GCTTTAATGG CTGCTCCGCG GAGCAGCGCC TAGGGCTGGA AGGCGGCTGC 240
GGCTCAGGAA GTCACCCGAG CAAGCCTCCT TCGGGGCCGG CCGCACCCGC CGCGGCGCGC 300
TCCATGGGGG CGCGCTCCCC CCGGGCGGCC CGCTGACCCG GGACGCCGGG GCCCGCTCGC 360
TCGCCGGCCG CGCGTCCCGG CCATGAACTG AGCCCGCGGG CCAGCCCCGC GCCTGCTCCG 420
CCCGCGCCTT TCTTCTCGCG CCTCCTCCGC CCGCCGCCGG CGGGCCCGGC TCCCCGGGGG 480
CTGCGGCGCC CCGGGCTCGG CGGCCCGCGG GCCCCGGGGC GCGGGGCGGC GGCGGCGGGG 540
GGCGCGCGGC TCCGGGCGCG GCGCCTGCAC CATGAACTAC CAGCAGCAGC TGGCCAACTC 600
GGCTGCCATC CGGGCCGAGA TCCAGCGCTT CGAGTCGGTC CACCCCAACA TCTACTCCAT 660
CTACGAGCTG CTGGAGCGCG TGGAGGAGCC GGTGCTGCAG AACCAGATCC GGGAGCACGT 720
CATCGCCATC GAAGATGCCT TCGTGAACAG CCAGGAATGG ACGCTGAGTC GATCTGTCCC 780
GGAGCTCAAA GTGGGAATTG TGGGTAACTT GGCCAGCGGC AAGTCTGCCC TGGTGCACCG 840
GTACCTGACG GGCACATATG TCCAGGAGGA GTCTCCGGAA GGTGGCAGGT TCAAGAAAGA 900
GATTGTCGTT GATGGACAGA GCTATCTGCT GCTGATCAGA GATGAAGGGG GCCCCCCGGA 960
GGCGCAGTTT GCCATGTGGG TGGACGCTGT TATATTTGTC TTCAGCTTGG AGGATGAAAT1020
AAGTTTCCAG ACCGTTTACC ACTACTACAG TCGAATGGCC AACTATCGGA ACACGAGCGA1080
GATTCCTCTG GTTCTGGTGG GAACCCAGGA TGCCATAAGT TCTGCTAACC CGAGGGTCAT1140
CGATGACGCC AGGGCGAGGA AGCTCTCCAA CGACCTGAAA CGGTGCACGT ACTACGAGAC1200
GTGTGCTACA TACGGGCTGA ATGTGGAGAG GGTCTTCCAG GACGTTGCCC AGAAGATTGT1260
TGCCACAAGG AAGAAGCAGC AGCTGTCCAT AGGACCCTGC AAGTCGCTAC CTAATTCTCC1320
CAGCCATTCC TCCGTCTGTT CCGCGCAGGT GTCTGCCGTG CACATCAGCC AGACAAGTAA1380
TGGAGGTGGG AGTTTAAGCG ACTATTCCTC CTCCGTTCCA TCGACTCCCA GCATCAGCCA1440
GAAGGAACTT CGGATCGATG TTCCTCCCAC TGCCAACACG CCCACGCCCG TTCGCAAGCA1500
GTCTAAGCGC CGGTCCAACC TGTTCACCTC TCGGAAAGGG AGCGACCCAG ACAAAGAGAA1560
GAAAGGCCTG GAGAGTCGTG CGGACAGCAT TGGGAGCGGC CGAGCCATCC CAATTAAACA1620
GGGCATGCTG TTGAAGCGAA GTGGCAAATC GTTGAATAAA GAGTGGAAAA AGAAATATGT1680
CACCCTGTGT GACAATGGCG TGCTGACCTA TCATCCCAGT TTACATGATT ACATGCAGAA1740
TGTTCATGGT AAGGAGATTG ACCTTCTGAG AACCACTGTG AAAGTCCCAG GGAAGAGGCC1800
ACCCCGAGCC ACGTCAGCCT GCGCACCCAT CTCCAGCCCT AAAACCAATG GCCTATCCAA1860
GGACATGAGC AGTTTACACA TCTCACCCAA TTCAGACACA GGGCTGGGTG ACTCCGTATG1920
CTCCAGCCCC AGTATCTCCA GCACCACCAG CCCCAAGCTC GACCCGCCCC CCTCCCCTCA1980
CGCCAACAGA AAGAAGCACC GAAGGAAGAA AAGCACTAGC AACTTCAAAG CCGACGGCCT2040
GTCCGGCACT GCTGAAGAAC AAGAAGAAAA TTTTGAGTTT ATCATTGTGT CCCTCACTGG2100
CCAAACATGG CACTTTGAAG CCACGACGTA TGAGGAGCGG GACGCCTGGG TCCAAGCCAT2160
CGAGAGCCAG ATCCTGGCCA GCCTGCAGTC GTGCGAGAGC AGCAAGAACA AGTCCCGGCT2220
GACGAGCCAG AGCGAGGCCA TGGCCCTGCA GTCGATCCGG AACATGCGCG GGAACTCCCA2280
CTGTGTGGAC TGCGAGACCC AGAATCCCAA CTGGGCCAGT TTGAACTTGG GAGCCCTCAT2340
GTGCATCGAA TGCTCAGGGA TCCACCGGAA TCTTGGCACC CACCTTTCCC GAGTCCGATC2400

198

TCTGGACCTG GATGACTGGC CAATCGAGCT CATCAAGGTG ATGTCATCCA TCGGGAACGA2460
GCTAGCCAAC AGCGTCTGGG AAGAGAGCAG CCAGGGGCGG ACGAAACCAT CGGTAGACTC2520
CACAAGGGAA GAGAAGGAAC GGTGGATCCG TGCCAAGTAC GAGCAGAAGC TCTTCCTGGC2580
CCCGCTGCCC TGCACGGAGC TGTCCCTGGG CCAGCACCTG CTGCGGGCCA CCGCCGACGA2640
GGACCTGCGG ACGGCCATCC TGCTGCTGGC ACACGGCTCC CGGGACGAGG TGAACGAGAC2700
CTGCGGGGAG GGAGACGGCC GCACGGCGCT GCATCTGGCC TGCCGCAAGG GGAATGTGGT2760
CCTGGCGCAG CTCCTGATCT GGTACGGAGT GGACGTCACG GCCCGAGATG CCCACGGGAA2820
CACAGCTCTG GCCTACGCCC GGCAGGCCTC CAGCCAGGAG TGCATCGACG TGCTGCTGCA2880
GTACGGCTGC CCCGACGAGC GCTTCGTGCT CATGGCCACC CCTAACCTGT CCAGGAGAAA2940
CAATAACCGG AACAACAGCA GTGGGAGGGT GCCCACCATC ATCTGAGGAA CAGCCGTGCC3000
CGCCTGCTCG CCGCACCTGG GACGCGGCAG CCTCGCCGCA TTCTCGCTCA GAAGTCGCAG3060
CACGTGAGTC CCGTCGCATC CCCTCCCTCT TCCTGGTGGC CACCTCCCTC CCGCCCACCC3120
ACTCTCACCC CAAACAAAAT CACAAAACCT GGACATCCCT CAAGGGGCGA AGAGGCGGCC3180
GGGAGACTGC AGAAGTGGCT CCTTTTCATA AACTCCCCTA AACCACACAC AGGAGAGAGC3240
GACGGGCCTC GGCCCTTTGA TGATAGCACA TGGCGCAGGA CCCTTGTCCT GGTGGCACAA3300
GGGATGGGGA CGCGAGGGGG AGGGGAGGCG AGGAACAAGG AGAAGGGGCA ACTTTCCTTA3360
ACTGGCAGTT GAGCACATAG TACATTTCCC CTCTACCAAA CGGAACACTT GGATTCCATC3420
TCTTCTCTGA GGAGCTCGAC GGCATAAATC AGAAGCAAGC ACAGAGTTTG TCAGGTTTGA3480
AGCCCCTATG ATGGTGTGTG TCAAATCAGT TGTAGCTAAT CTGTCCAGGG AGAATACTGG3540
CTTCATTACA CTTGTACAGC CGAGTTCTTC CCGCATTACT GCTGTTTAAT AGAACGTGAT3600
TAGTCATCGC CGAGAAGAAA GCATATTAGC CGAGGAGGTA GTCACGCGGC ACGCGCCGGT3660
GATTGCCACG ATGTGATTGC AATACTCTTA GAAGCACCAT ATTATCCCAG ACATGTTCTT3720
TCAAGCCCTT GGAGCCCTCT CTAAATTCAC TGTCATCATT TAGTATCTGT TTAATTTTTC3780
AGTCCAAAGA GAGGAAATCA GTCGCTGAGT ATTATTTGAC TCCGGTCTCC TTGGTGCAAA3840
AACAAAATGG GAAAAATAAA TAAGAATAAC TCAGAAACTC AAAAGGAAAC CACAAATTCA3900
GCTAATAATA GCATTTCGAG TATATTTCGT AAACTAAGGA AATACACAAA AGGCTGTTTT3960
TTTCCGACTG TAAGAGATAT TTGATGTCCT TTTGCCGAGG TGGATGTGTT AGTCTCAGGC4020
CCTCCTGGAC CACGTTGCCC AAGTCACACA GGCTTCTGTG TTATGTATTT AGATAAGATG4080
TGTGAAAATA TATTTGAATA AAAGAAGTTC AT 4112

Name: 302 Len: 1096 Check: 238D

GGGGGAGCAC TAGCAGCAGC CGGAGTCGGC GGAAAGCACC CGGGCGCAGC CGGAGCCGGT 60
GCCGCAGCTG CGATGGCCGT GGCCGTGGGG AGACCGTCTA ATGAAGAGCT TCGAAACTTG 120
TCTTTGTCTG GCCATGTGGG ATTTGACAGC CTCCCTGACC AGCTGGTCAA CAAGTCTACT 180
TCTCAAGGAT TCTGTTTCAA CATCCTTTGT GTTGGTGAGA CAGGCATTGG CAAATCCACG 240
TTAATGGACA CTTTGTTCAA CACCAAATTT GAAAGTGACC CAGCTACTCA CAATGAACCA 300
GGTGTTCGGT TAAAAGCCAG AAGTTATGAG CTTCAGGAAA GCAATGTACG GCTGAAGTTA 360
ACCATTGTTG ACACCGTGGG ATTTGGAGAC CAGATAAATA AAGATGACAG CTATAAGCCG 420
ATAGTAGAAT ATATTGATGC CCAGTTCGAG GCCTACCTGC AAGAGGAATT GAAGATTAAA 480
CGTTCTCTCT TCAACCACCA TGACACGAGG ATCCATGCCT GCCTCTACTT TATTGCCCCT 540
ACTGGACATT CACTAAAGTC CCTGGATCTG GTCACCATGA AAAAGCTGGA CAGTAAGGTG 600
AACATCATTC CAATAATTGC AAAAGCTGAC ACCATTGCCA AGAATGAACT GCACAAATTC 660
AAGAGTAAGA TCATGAGTGA ACTGGTCAGC AATGGGGTCC AGATATATCA GTTTCCCACT 720
GATGAAGAAA CGGTGGCAGA GATTAACGCA ACAATGAGTG TCCATCTCCC ATTTGCAGTG 780
GTTGGCAGCA CCGAAGAGGT GAAGATTGGC AACAAGATGG CAAAGGCCAG GCAGTACCCC 840
TGGGGTGTGG TGCAGGTTGA GAATGAAAAT CATTGCGATT TTGTGAAACT TCGAGAGATG 900
CTGATCCGCG TGAACATGGA GGACTTGCGA GAGCAGACTC ACACCCGCCA CTATGAATTG 960
TACCACGCTG TAAGCTTGAA GAGATGGGGT TCAAGGACAC TGACCCTGAC AGCAAACCCT1020
TCAGTCTTCA GGGGACATAT GAAGCAAAAA GGAATGAATT CCTGGGAGAA CTGCAGAAAA1080
AAAAAAAAAA AAAAAA 1096

Name: 303 Len: 4373 Check: 16D0

GAAGCGAATG TGATTCTTCC CCAGAACCGA AAGCTTTGCC TCAGACTCCT AGGCCGAGGA 60
GTCGTTCTCC ATCATCCCCA GAGCTCAACA ACAAGTGTCT TACCCCCCAG AGAGAAAGAA 120
GCGGGTCAGA ATCATCAGTT GATCAGAAAA CTGTGGCTCG GACTCCCCTG GGGCAGAGAA 180
GTCGTTCGGG ATCCTCTCAA GAACTTGATG TGAAACCCAG TGCATCCCCT CAGGAAAGAA 240
GTGAGTCAGA CTCTTCTCCA GATTCTAAAG CCAAGACACG AACCCCACTT CGGCAGAGGA 300
GTCGGTCTGG ATCATCTCCA GAGGTTGACA GCAAATCTCG ACTATCCCCT CGGCGCAGTA 360
GGTCTGGTTC CTCCCCTGAA GTGAAAGATA AGCCAAGAGC AGCACCCAGG GCACAGAGTG 420
GTTCTGATTC CTCTCCTGAA CCTAAAGCTC CAGCCCCTCG GGCCCTTCCC AGACGAAGCA 480
GATCAGGTTC ATCAAGCAAA GGCAGAGGCC CTTCTCCTGA AGGAAGCAGC AGTACCGAGT 540
CCTCTCCTGA ACATCCGCCC AAATCCAGAA CTGCTCGCAG AGGTTCCAGG TCATCACCAG 600
AGCCCAAGAC CAAGTCTCGT ACACCACCTC GACGTCGCAG CTCTCGATCA TCTCCGGAGC 660
TAACAAGGAA GGCCAGACTG TCCCGTAGAA GCCGCTCTGC CTCATCCTCA CCAGAAACTC 720
GCTCTAGAAC TCCCCCAAGG CACCGGAGAA GTCCCTCAGT GTCTTCCCCG GAGCCAGCCG 780

199

AAAAATCGAG GTCTTCACGC CGACGGCGCT CAGCTTCATC TCCACGCACT AAGACAACCT 840
CAAGGAGAGG CCGCTCTCCT TCGCCAAAGC CTCGTGGACT CCAGAGGTCC CGTTCCCGCT 900
CAAGGAGAGA GAAAACAAGA ACAACCCGAC GTCGAGATAG GTCTGGATCT TCTCAGTCAA 960
CCTCTCGGCG AAGACAGCGG AGCCGGTCAA GGTCGCGGGT TACTCGGCGG CGGAGGGGAG1020
GCTCTGGTTA TCACTCAAGG TCACCTGCCC GGCAGGAAAG TTCCCGGACC TCCTCTCGAC1080
GCCGAAGAGG CCGCTCTCGG ACACCCCCAA CCAGTCGGAA GCGTTCTCGC TCACGCACAT1140
CACCAGCCCC GTGGAAACGC TCTAGATCTC GAGCCTCTCC AGCCACTCAC CGGCGATCCA1200
GGTCCAGAAC CCCCCTGATA AGCCGACGTA GGTCCAGATC TCGAACTTCA CCAGTCAGCC1260
GGAGACGGTC AAGGTCCAGG ACTTCAGTGA CTCGACGAAG ATCCCGGTCA AGAGCATCCC1320
CAGTGAGCAG AAGGCGATCC AGATCCAGAA CGCCACCAGT AACCCGCCGT CGTTCAAGGT1380
CTAGAACGCC AACAACACGC CGCCGCTCCC GTTCTAGAAC TCCACCAGTG ACTCGCAGAA1440
GGTCCAGATC CAGGACTCCA CCAGTAACCA GGAGGCGATC TCGAAGCAGA ACTTCGCCTA1500
TCACTCGCAG AAGATCAAGA TCCAGAACAT CTCCGGTCAC CCGAAGGAGA TCTCGATCTC1560
GCACATCTCC AGTAACTCGA AGAAGGTCCC GCTCTCGAAC CTCACCAGTG ACACGCCGCC1620
GCTCTAGGTC CCGGACACCT CCAGCTATTC GGCGCCGCTC TAGATCTCGA ACGCCACTGT1680
TACCACGCAA ACGTTCTCGA AGTCGCTCAC CACTTGCTAT CCGCCGCCGC TCCAGATCCC1740
GTACTCCACG AACAGCTCGG GGTAAACGGT CCTTAACAAG ATCTCCTCCA GCCATCCGCA1800
GGCGTTCTGC ATCTGGAAGT AGTTCTGATC GTTCACGATC TGCTACTCCT CCAGCAACAA1860
GAAATCATTC TGGTTCACGG ACACCTCCAG TAGCACTCAA CAGTTCCAGA ATGAGCTGCT1920
TCAGTCGTCC TAGCATGTCC CCAACACCTC TTGATCGCTG CAGATCACCT GGAATGCTTG1980
AACCCCTTGG CAGCTCTAGA ACACCCATGT CTGTCCTGCA GCAAGCCGGC GGCTCCATGA2040
TGGATGGTCC AGGTCCCCGA ATACCTGACC ACCAGAGAAC ATCTGTGCCA GAAAATCATG2100
CTCAGTCCAG GATTGCACTT GCCCTGACAG CTATCAGTCT TGGCACCGCT CGGCCTCCTC2160
CGTCCATGTC TGCTGCTGGC CTTGCTGCAA GAATGTCCCA GGTTCCAGCC CCGGTGCCTC2220
TCATGAGTCT CAGAACCGCA CCAGCAGCCA ACCTTGCCAG CAGGATTCCT GCAGCCTCTG2280
CGGCAGCCAT GAACCTAGCC AGCGCCAGGA CACCTGCCAT TCCAACAGCA GTGAACCTGG2340
CTGACTCTCG AACGCCAGCT GCAGCAGCGG CCATGAACTT GGCCAGCCCC AGAACAGCGG2400
TGGCACCTTC GGCTGTGAAC CTGGCTGACC CTCGCACTCC CACAGCCCCA GCTGTGAACC2460
TAGCAGGGGC CAGAACCCCA GCTGCCTTGG CAGCTCTGAG TCTCACAGGC TCTGGCACAC2520
CACCAACTGC TGCAAACTAT CCCTCCAGCT CCAGAACACC ACAGGCTCCA GCCTCTGCAA2580
ACCTGGTGGG TCCTCGGTCT GCACATGCCA CAGCTCCTGT GAATATTGCC GGCTCCAGAA2640
CCGCCGCAGC CTTGGCCCCC GCGAGCCTCA CCAGTGCTAG GATGGCTCCA GCATTGTCTG2700
GTGCAAACCT CACCAGCCCC AGGGTGCCCC TTTCTGCCTA CGAGCGTGTC AGTGGCAGAA2760
CCTCACCACC GCTCCTTGAC CGAGCTAGGT CCAGAACACC ACCGTCTGCC CCAAGCCAAT2820
CTAGGATGAC CTCTGAACGG GCTCCCTCCC CTTCCTCTAG AATGGGCCAG GCTCCTTCAC2880
AGTCTCTTCT CCCTCCAGCA CAGGATCAGC CGAGGTCTCC TGTGCCTTCT GCTTTTTCAG2940
ACCAATCCCG TTGTTTGATT GCCCAGACCA CCCCTGTAGC AGGGTCTCAG TCCCTTTCCT3000
CTGGGGCAGT GGCAACGACC ACGTCCTCTG CTGGTGATCA CAATGGCATG CTCTCTGTCC3060
CTGCCCCTGG GGTGCCCCAC TCTGATGTGG GGGAGCCACC TGCCTCTACT GGGGCCCAGC3120
AGCCTTCTGC ATTAGCCGCC CTGCAGCCAG CAAAGGAGCG GCGGAGTTCC TCCTCGTCGT3180
CGTCGTCCTC TAGCTCCTCC TCCTCTTCAT CATCGTCGTC GTCGTCCTCC TCCTCCTCTG3240
GCTCCAGTTC TAGTGACTCA GAGGGCTCTA GCCTTCCTGT GCAACCTGAG GTGGCACTGA3300
AGAGGGTCCC CAGCCCCACC CCAGCCCCAA AGGAGGCTGT TCGAGAGGGA CGTCCTCCGG3360
AGCCAACCCC AGCCAAACGG AAGAGGCGCT CTAGCAGTTC CAGTTCCAGC TCCTCCTCTT3420
CATCTTCCTC CTCCTCCTCC TCCTCCTCTT CTTCCTCCTC CTCTTCCTCT TCTTCTTCTT3480
CCTCCTCATC TTCCTCCTCC TCGTCGTCTT CCTCCCCTTC CCCTGCTAAG CCTGGCCCTC3540
AGGCCTTGCC CAAACCTGCA AGCCCCAAGA AGCCACCCCC TGGCGAGCGG AGGTCCCGCA3600
GCCCCCGGAA GCCAATAGAC TCCCTCAGGG ACTCTCGGTC CCTCAGCTAC TCGCCTGTGG3660
AGCGTCGCCG TCCCTCGCCC CAGCCCTCAC CACGGGACCA GCAGAGCAGC AGCAGTGAGC3720
GGGGTTCCCG GAGAGGCCAG CGTGGGGACA GCCGCTCCCC CAGCCACAAG CGCAGGAGGG3780
AGACACCTAG CCCTCGGCCC ATGAGACACC GCTCCTCCAG GTCTCCATAA ATTGTCTTTG3840
GGGGATTCCA CCACACCCAA TGCTCTGGAG CCACAAGGAG TGTCCCTTCT TCCCCAGCAG3900
AGCCGTGGGA GGGTCCTTGT CTGCTCTCCT TTGAACCTTG GCAGCCCTTG GATGGAGGGC3960
TCCCTTTCCC TCCCCTTTTT TTTTTCTTTG TTCCTGTGAA ATGTTAATCT CCGTGAGTTC4020
TTCCTGGTTC ATGTGTTCTG GGGGGTTTGG GGTGGGAGGG AATGCAGATG GGAGTTGGGG4080
GAGGGGAGGA TACAGTTCAG GATACCCCAG CCTGGAGTCA GGGCCAGGGA GGCATGGCCC4140
CACTTGTATC CAGAAGTTCC CAGGGGTGAT TGTGATGGTG GTTGGGACTG GAGGTTGTAT4200
AAGGTGTTCT TGGAAGGAAG GGGCAGGAGT TGGAATTAGT TGGTCCCTAC TGTCCCCCAT4260
GAGGTTGTGA ACCCCTCCCC CCAACTTTTC ATGTTTCTTA AAGGCATTTT GGTTTTTTAA4320
AATCTGTACA GCAAGAGCAA CTTTTTCTGT CAAATAAAAA TGAGAAATGC AGG 4373

Name: 304 Len: 9027 Check: 18E4

GCGGCCCAGG CGGGGTGCGA GTGGCGCAGT CGGAGCCCGT TGCGGCCCCT GAGGAAGCGA 60
GGAGGCGTCG GCGTCGGCTG AGGCGGGCGG ACCGGCGAGG CGAGGCGGCG GCCCCAGGCC 120

2 C C

CGAGGGACTC GGGAGCTCGA GCAGCGGCGG CGGCAAGACC TCTCCCCCTC GGAGGCGGCG 180
GGCGGAGGCG GCGGGAGCGG TGGTGCCCCC CCCGGGCACG GGGCCATGTA CAACGGGATC 240
GGGCTGCCGA CGCCCCGGGG CAGCGGCACC AACGGCTACG TCCAGCGCAA CCTGTCCCTG 300
GTGCGGGGCC GCCGGGGTGA GCGGCCTGAC TACAAGGGAG AGGAGGAACT GCGGCGCCTG 360
GAGGCTGCCC TGGTGAAGCG GCCTAATCCT GACATCCTGG ACCACGAGCG CAAGCGGCGC 420
GTCGAGCTGC GATGCCTCGA GCTGGAGGAG ATGATGGAAG AGCAGGGGTA CGAGGAACAG 480
CAAATTCAGG AAAAAGTGGC GACCTTTCGA CTCATGTTGC TGGAGAAGGA TGTGAACCCT 540
GGGGGCAAGG AGGAGACCCC AGGGCAGAGG CCAGCGGTCA CGGAGACTCA CCAGTTGGCA 600
GAATTAAATG AGAAGAAGAA TGAAAGACTC CGTGCTGCCT TTGGCATCAG TGATTCTTAC 660
GTAGATGGCA GCTCTTTTGA TCCTCAGCGT CGTGCCCGAG AAGCTAAACA ACCAGCTCCT 720
GAGCCTCCCA AACCTTACAG CCTTGTTCGG GAGTCTAGCA GTTCTCGCTC ACCAACCCCA 780
AAGCAGAAGA AGAAGAAAAA GAAGAAAGAT AGAGGACGCA GGTCAGAGAG CAGCTCTCCT 840
CGACGGGAGA GAAAGAAAAG CTCAAAGAAG AAGAAGCACA GGTCAGAATC TGAGTCCAAG 900
AAACGTAAGC ATAGGTCTCC CACTCCAAAG AGCAAACGTA AATCTAAGGA CAAAAAGCGA 960
AAGCGGTCTC GAAGTACAAC ACCAGCCCCC AAGAGCCGCC GGGCCCACCG TTCAACTTCT1020
GCTGACTCTG CTTCCTCCTC CGATACTTCC CGCAGTCGGT CTCGAAGTGC TGCAGCTAAA1080
ACTCATACAA CTGCCTTGGC TGGGCGAAGT CCTTCCCCTG CTTCAGGGCG ACGCGGGGAG1140
GGAGATGCGC CTTTCAGTGA ACCAGGTACT ACCAGCACAC AACGGCCTAG TAGCCCGGAG1200
ACTGCTACGA AACAGCCTAG CAGCCCTTAT GAAGACAAAG ATAAAGACAA GAAGGAGAAA1260
TCTGCAACTC GACCTAGCCC CTCTCCGGAA AGGAGCAGCA CAGGCCCAGA ACCACCTGCT1320
CCCACTCCGC TCCTTGCTGA GCGACATGGC GGCTCCCCAC AACCCCTTGC AACCACCCCC1380
TTAAGCCAGG AGCCAGTGAA CCCCCCATCT GAGGCCTCTC CAACTCGGGA CCGTTCACCA1440
CCTAAGTCTC CCGAGAAACT TCCCCAGTCT TCTTCCTCAG AGAGCAGCCC ACCATCCCCT1500
CAACCTACCA AAGTTTCTCG GCATGCCAGC TCTTCCCCAG AAAGTCCTAA ACCTGCTCCA1560
GCTCCAGGGT CCCACCGAGA GATTTCTTCT TCTCCCACAT CTAAGAATCG CTCACATGGC1620
CGAGCAAAAC GGGATAAATC ACATTCTCAT ACCCCCTCCC GTAGGATGGG GAGGTCCCGT1680
AGCCCTGCCA CCGCTAAGAG AGGGCGATCT CGGTCTCGAA CCCCTACCAA GAGAGGTCAT1740
TCTCGATCCC GATCTCCCCA GTGGCGTAGG TCCAGGTCTG CACAGAGGTG GGGAAGATCT1800
AGAAGCCCCC AGCGACGTGG CCGCTCTAGG TCTCCTCAGC GACCAGGCTG GTCTAGGAGC1860
AGAAATACCC AGAGAAGAGG CAGGTCTAGG TCAGCAAGGC GAGGGAGGTC CCACTCTAGA1920
TCCCCAGCCA CTAGGGGTAG ATCTCGTTCT AGAACACCAG CCCGCCGGGG CAGGTCCCGC1980
TCTAGAACAC CTGCCAGGCG GAGATCACGA TCCAGAACTC CCACCAGGCG TAGGTCTCGG2040
TCTAGAACAC CAGCCCGGAG GGGCAGGTCT CGGTCTAGAA CACCTGCTAG GCGCAGATCT2100
AGGACCCGAT CACCAGTACG ACGCAGGTCT CGTAGTAGAT CACCAGCCAG GAGAAGTGGC2160
AGGTCACGCT CTAGAACCCC AGCTAGACGT GGCCGCTCAC GCTCCAGAAC CCCAGCCAGA2220
CGTGGCCGCT CACGCTCTAG AACCCCAGCT AGACGCAGTG GTCGCTCACG CTCCAGAACA2280
CCAGCCAGGA GAGGGAGGTC TCGGTCTAGG ACACCAAGAC GAGGAAGATC CCGCAGTAGA2340
AGCTTAGTTA GACGTGGAAG ATCTCACTCT AGAACACCTC AAAGAAGAGG CAGATCTGGC2400
TCATCTTCAG AGCGGAAAAA CAAATCCAGA ACATCTCAAA GAAGAAGCAG GTCCAATTCA2460
AGCCCAGAAA TGAAGAAATC TCGCATTTCT TCAAGGCGGA GCAGGTCTCT CTCTTCACCA2520
CGGTCCAAAG CAAAATCTCG CTTGTCTTTG AGGCGCAGCC TTTCAGGGTC TTCCCCATGC2580
CCTAAGCAAA AGTCACAGAC ACCACCCAGG CGCAGTCGCT CTGGATCCTC CCAACCTAAA2640
GCTAAATCTA GAACGCCACC CAGACGCAGT CGCTCCAGTT CTTCTCCGCC ACCTAAACAG2700
AAATCTAAGA CACCATCAAG ACAAAGTCAT TCCAGTTCAT CTCCTCATCC TAAAGTGAAA2760
TCTGGAACAC CACCGAGGCA AGGGTCCATA ACAAGTCCCC AGGCCAATGA GCAATCTGTA2820
ACGCCACAGA GACGGAGCTG TTTTGAATCA TCACCTGACC CTGAGTTGAA ATCTAGGACC2880
CCTTCTAGAC ATAGCTGCTC AGGGTCCTCT CCTCCTAGAG TGAAATCTAG CACACCTCCC2940
AGACAGAGCC CATCTAGGTC ATCATCTCCA CAACCCAAAG TGAAGGCAAT AATATCACCA3000
AGACAAAGAA GCCATTCTGG CTCCTCTTCT CCAAGTCCTA GTAGGGTGAC GTCGAGAACA3060
ACTCCACGGC GAAGCAGATC AGTATCTCCC TGCTCCAATG TGGAATCCAG ATTGTTGCCA3120
AGATACAGTC ATTCTGGGTC CTCCTCACCA GATACCAAAG TGAAACCTGA AACACCGCCA3180
AGACAAAGTC ACTCAGGGTC TATTTCACCA TACCCCAAAG TAAAGGCCCA AACTCCACCG3240
GGGCCAAGTC TTTCTGGATC AAAGTCACCA TGTCCCCAAG AGAAGTCTAA AGACTCACTA3300
GTTCAAAGTT GCCCTGGATC CCTCTCTCTC TGTGCAGGAG TAAAATCTAG CACACCACCA3360
GGCGAGAGCT ATTTTGGTGT CTCATCTCTG CAACTGAAAG GACAATCTCA AACTTCACCA3420
GACCACAGAT CTGATACTTC AAGTCCAGAA GTGAGACAGA GTCATTCAGA ATCACCATCT3480
CTGCAGAGCA AATCTCAAAC ATCACCTAAG GGAGGTCGGT CCAGGTCTTC ATCTCCAGTC3540
ACTGAGCTGG CATCCAGATC TCCAATAAGA CAAGATAGAG GTGAGTTCTC AGCGAGTCCT3600
ATGTTGAAAT CTGGAATGTC TCCTGAGCAG AGCAGGTTCC AGTCTGACTC TTCTTCATAT3660
CCTACAGTGG ACTCGAATTC TCTCTTGGGG CAGAGTAGAT TGGAGACTGC TGAATCAAAA3720
GAGAAAATGG CCTTACCCCC TCAGGAGGAT GCTACTGCAT CACCTCCTAG ACAGAAAGAC3780
AAATTTAGTC CCTTTCCAGT ACAGGATAGG CCTGAGTCTT CACTGGTATT CAAAGACACA3840
CTTAGAACCC CGCCAAGAGA AAGAAGTGGT GCTGGGTCAT CTCCAGAAAC AAAAGAGCAA3900

201

AATAGTGCAT TGCCTACGTC AAGCCAAGAT GAAGAGTTAA TGGAGGTGGT AGAGAAGTCT3960
GAAGAACCCG CAGGCCAAAT CCTGTCTCAT TTGTCTTCAG AACTTAAAGA AATGTCCACA4020
AGTAACTTTG AATCATCTCC TGAAGTAGAA GAAAGGCCTG CTGTGTCTTT GACTCTTGAT4080
CAGAGCCAGT CACAGGCTTC TTTGGAAGCA GTAGAAGTCC CTTCAATGGC CTCATCTTGG4140
GGTGGGCCAC ATTTTTCTCC AGAACATAAA GAACTGTCTA ACTCCCCACT CAGGGAGAAC4200
AGCTTTGGAT CACCTTTAGA ATTTAGAAAC TCAGGCCCAC TTGGTACAGA AATGAATACT4260
GGATTTTCTT CTGAGGTTAA AGAAGATTTG AATGGACCGT TTCTTAATCA GCTGGAAACA4320
GATCCATCTC TAGACATGAA AGAACAATCG ACAAGATCCT CTGGACACAG CAGTTCTGAG4380
TTATCCCCAG ATGCAGTGGA AAAGGCAGGG ATGTCTTCAA ATCAGAGCAT CTCTTCACCT4440
GTGCTTGATG CTGTACCCAG AACACCCTCG AGAGAAAGAA GTAGTTCTGC ATCTTCTCCT4500
GAAATGAAAG ATGGTTTACC CAGAACTCCA TCAAGGAGAA GCAGGTCTGG GTCTTCTCCA4560
GGACTTAGAG ATGGGTCTGG GACTCCCTCG AGGCACAGCC TGTCTGGGTC CTCTCCTGGA4620
ATGAAAGATA TACCTAGAAC GCCATTTAGA GGGAGAAGCG AATGTGATTC TTCCCCAGAA4680
CCGAAAGCTT TGCCTCAGAC TCCTAGGCCG AGGAGTCGTT CTCCATCATC CCCAGAGCTC4740
AACAACAAGT GTCTTACCCC CCAGAGAGAA AGAAGCGGGT CAGAATCATC AGTTGATCAG4800
AAAACTGTGG CTCGGACTCC CCTGGGGCAG AGAAGTCGTT CGGGATCCTC TCAAGAACTT4860
GATGTGAAAC CCAGTGCATC CCCTCAGGAA AGAAGTGAGT CAGACTCTTC TCCAGATTCT4920
AAAGCCAAGA CACGAACCCC ACTTCGGCAG AGGAGTCGGT CTGGATCATC TCCAGAGGTT4980
GACAGCAAAT CTCGACTATC CCCTCGGCGC AGTAGGTCTG GTTCCTCCCC TGAAGTGAAA5040
GATAAGCCAA GAGCAGCACC CAGGGCACAG AGTGGTTCTG ATTCCTCTCC TGAACCTAAA5100
GCTCCAGCCC CTCGGGCCCT TCCCAGACGA AGCAGATCAG GTTCATCAAG CAAAGGCAGA5160
GGCCCTTCTC CTGAAGGAAG CAGCAGTACC GAGTCCTCTC CTGAACATCC GCCCAAATCC5220
AGAACTGCTC GCAGAGGTTC CAGGTCATCA CCAGAGCCCA AGACCAAGTC TCGTACACCA5280
CCTCGACGTC GCAGCTCTCG ATCATCTCCG GAGCTAACAA GGAAGGCCAG ACTGTCCCGT5340
AGAAGCCGCT CTGCCTCATC CTCACCAGAA ACTCGCTCTA GAACTCCCCC AAGGCACCGG5400
AGAAGTCCCT CAGTGTCTTC CCCGGAGCCA GCCGAAAAAT CGAGGTCTTC ACGCCGACGG5460
CGCTCAGCTT CATCTCCACG CACTAAGACA ACCTCAAGGA GAGGCCGCTC TCCTTCGCCA5520
AAGCCTCGTG GACTCCAGAG GTCCCGTTCC CGCTCAAGGA GAGAGAAAAC AAGAACAACC5580
CGACGTCGAG ATAGGTCTGG ATCTTCTCAG TCAACCTCTC GGCGAAGACA GCGGAGCCGG5640
TCAAGGTCGC GGGTTACTCG GCGGCGGAGG GGAGGCTCTG GTTATCACTC AAGGTCACCT5700
GCCCGGCAGG AAAGTTCCCG GACCTCCTCT CGACGCCGAA GAGGCCGCTC TCGGACACCC5760
CCAACCAGTC GGAAGCGTTC TCGCTCACGC ACATCACCAG CCCCGTGGAA ACGCTCTAGA5820
TCTCGAGCCT CTCCAGCCAC TCACCGGCGA TCCAGGTCCA GAACCCCCCT GATAAGCCGA5880
CGTAGGTCCA GATCTCGAAC TTCACCAGTC AGCCGGAGAC GGTCAAGGTC CAGGACTTCA5940
GTGACTCGAC GAAGATCCCG GTCAAGAGCA TCCCCAGTGA GCAGAAGGCG ATCCAGATCC6000
AGAACGCCAC CAGTAACCCG CCGTCGTTCA AGGTCTAGAA CGCCAACAAC ACGCCGCCGC6060
TCCCGTTCTA GAACTCCACC AGTGACTCGC AGAAGGTCCA GATCCAGGAC TCCACCAGTA6120
ACCAGGAGGC GATCTCGAAG CAGAACTTCG CCTATCACTC GCAGAAGATC AAGATCCAGA6180
ACATCTCCGG TCACCCGAAG GAGATCTCGA TCTCGCACAT CTCCAGTAAC TCGAAGAAGG6240
TCCCGCTCTC GAACCTCACC AGTGACACGC CGCCGCTCTA GGTCCCGGAC ACCTCCAGCT6300
ATTCGGCGCC GCTCTAGATC TCGAACGCCA CTGTTACCAC GCAAACGTTC TCGAAGTCGC6360
TCACCACTTG CTATCCGCCG CCGCTCCAGA TCCCGTACTC CACGAACAGC TCGGGGTAAA6420
CGGTCCTTAA CAAGATCTCC TCCAGCCATC CGCAGGCGTT CTGCATCTGG AAGTAGTTCT6480
GATCGTTCAC GATCTGCTAC TCCTCCAGCA ACAAGAAATC ATTCTGGTTC ACGGACACCT6540
CCAGTAGCAC TCAACAGTTC CAGAATGAGC TGCTTCAGTC GTCCTAGCAT GTCCCCAACA6600
CCTCTTGATC GCTGCAGATC ACCTGGAATG CTTGAACCCC TTGGCAGCTC TAGAACACCC6660
ATGTCTGTCC TGCAGCAAGC CGGCGGCTCC ATGATGGATG GTCCAGGTCC CCGAATACCT6720
GACCACCAGA GAACATCTGT GCCAGAAAAT CATGCTCAGT CCAGGATTGC ACTTGCCCTG6780
ACAGCTATCA GTCTTGGCAC CGCTCGGCCT CCTCCGTCCA TGTCTGCTGC TGGCCTTGCT6840
GCAAGAATGT CCCAGGTTCC AGCCCCGGTG CCTCTCATGA GTCTCAGAAC CGCACCAGCA6900
GCCAACCTTG CCAGCAGGAT TCCTGCAGCC TCTGCGGCAG CCATGAACCT AGCCAGCGCC6960
AGGACACCTG CCATTCCAAC AGCAGTGAAC CTGGCTGACT CTCGAACGCC AGCTGCAGCA7020
GCGGCCATGA ACTTGGCCAG CCCCAGAACA GCGGTGGCAC CTTCGGCTGT GAACCTGGCT7080
GACCCTCGCA CTCCCACAGC CCCAGCTGTG AACCTAGCAG GGGCCAGAAC CCCAGCTGCC7140
TTGGCAGCTC TGAGTCTCAC AGGCTCTGGC ACACCACCAA CTGCTGCAAA CTATCCCTCC7200
AGCTCCAGAA CACCACAGGC TCCAGCCTCT GCAAACCTGG TGGGTCCTCG GTCTGCACAT7260
GCCACAGCTC CTGTGAATAT TGCCGGCTCC AGAACCGCCG CAGCCTTGGC CCCCGCGAGC7320
CTCACCAGTG CTAGGATGGC TCCAGCATTG TCTGGTGCAA ACCTCACCAG CCCCAGGGTG7380
CCCCTTTCTG CCTACGAGCG TGTCAGTGGC AGAACCTCAC CACCGCTCCT TGACCGAGCT7440
AGGTCCAGAA CACCACCGTC TGCCCCAAGC CAATCTAGGA TGACCTCTGA ACGGGCTCCC7500
TCCCCTTCCT CTAGAATGGG CCAGGCTCCT TCACAGTCTC TTCTCCCTCC AGCACAGGAT7560
CAGCCGAGGT CTCCTGTGCC TTCTGCTTTT TCAGACCAAT CCCGTTGTTT GATTGCCCAG7620
ACCACCCCTG TAGCAGGGTC TCAGTCCCTT TCCTCTGGGG CAGTGGCAAC GACCACGTCC7680

202

```
TCTGCTGGTG ATCACAATGG CATGCTCTCT GTCCCTGCCC CTGGGGTGCC CCACTCTGAT7740
GTGGGGGAGC CACCTGCCTC TACTGGGGCC CAGCAGCCTT CTGCATTAGC CGCCCTGCAG7800
CCAGCAAAGG AGCGGCGGAG TTCCTCCTCG TCGTCGTCGT CCTCTAGCTC CTCCTCCTCT7860
TCATCATCGT CGTCGTCGTC CTCCTCCTCC TCTGGCTCCA GTTCTAGTGA CTCAGAGGGC7920
TCTAGCCTTC CTGTGCAACC TGAGGTGGCA CTGAAGAGGG TCCCCAGCCC CACCCCAGCC7980
CCAAAGGAGG CTGTTCGAGA GGGACGTCCT CCGGAGCCAA CCCCAGCCAA ACGGAAGAGG8040
CGCTCTAGCA GTTCCAGTTC CAGCTCCTCC TCTTCATCTT CCTCCTCCTC CTCCTCCTCC8100
TCTTCTTCCT CCTCCTCTTC CTCTTCTTCT TCTTCCTCCT CATCTTCCTC CTCCTCGTCG8160
TCTTCCTCCC CTTCCCCTGC TAAGCCTGGC CCTCAGGCCT TGCCCAAACC TGCAAGCCCC8220
AAGAAGCCAC CCCCTGGCGA GCGGAGGTCC CGCAGCCCCC GGAAGCCAAT AGACTCCCTC8280
AGGGACTCTC GGTCCCTCAG CTACTCGCCT GTGGAGCGTC GCCGTCCCTC GCCCCAGCCC8340
TCACCACGGG ACCAGCAGAG CAGCAGCAGT GAGCGGGGTT CCCGGAGAGG CCAGCGTGGG8400
GACAGCCGCT CCCCCAGCCA CAAGCGCAGG AGGGAGACAC CTAGCCCTCG GCCCATGAGA8460
CACCGCTCCT CCAGGTCTCC ATAAATTGTC TTTGGGGGAT TCCACCACAC CCAATGCTCT8520
GGAGCCACAA GGAGTGTCCC TTCTTCCCCA GCAGAGCCGT GGGAGGGTCC TTGTCTGCTC8580
TCCTTTGAAC CTTGGCAGCC CTTGGATGGA GGGCTCCCTT TCCCTCCCCT TTTTTTTTC8640
TTTGTTCCTG TGAAATGTTA ATCTCCGTGA GTTCTTCCTG GTTCATGTGT TCTGGGGGGT8700
TTGGGGTGGG AGGGAATGCA GATGGGAGTT GGGGGAGGGG AGGATACAGT TCAGGATACC8760
CCAGCCTGGA GTCAGGGCCA GGGAGGCATG GCCCCACTTG TATCCAGAAG TTCCCAGGGG8820
TGATTGTGAT GGTGGTTGGG ACTGGAGGTT GTATAAGGTG TTCTTGGAAG GAAGGGGCAG8880
GAGTTGGAAT TAGTTGGTCC CTACTGTCCC CCATGAGGTT GTGAACCCCT CCCCCCAACT8940
TTTCATGTTT CTTAAAGGCA TTTTGGTTTT TTAAAATCTG TACAGCAAGA GCAACTTTTT9000
CTGTCAAATA AAAATGAGAA ATGCAGG                                    9027
```

Name: 305 Len: 2380 Check: 3AC

```
TCTCCGCGTC CAGTGCTGCT TAGAGGTGCT CGCGCCGCTC TGCTGCTGCT GCTGCCGCCC  60
CGGCTCTTAG CCCGACCCTC GCTCCTCCTC CGCCGGTCCC TCAGCGCGGC CTCCTGCGCC 120
CCGATCTCCT TGCCCGCCGC CGCCTCCCGG AGCAGCATGG ACGGCGCGGG GGCTGAGGAG 180
GTGCTGGCAC CTCTGAGGCT AGCAGTGCGC CAGCAGGGAG ATCTTGTGCG AAAACTCAAA 240
GAAGATAAAG CACCCCAAGT AGACGTAGAC AAAGCAGTGG CTGAGCTCAA AGCCCGCAAG 300
AGGGTTCTGG AAGCAAAGGA GCTGGCGTTA CAGCCCAAAG ATGATATTGT AGACCGAGCA 360
AAAATGGAAG ATACCCTGAA GAGGAGGTTT TTCTATGATC AAGCTTTTGC TATTTATGGA 420
GGTGTTAGTG GTCTGTATGA CTTTGGGCCA GTTGGCTGTG CTTTGAAGAA CAATATTATT 480
CAGACCTGGA GGCAGCACTT TATCCAAGAG GAACAGATCC TGGAGATCGA TTGCACCATG 540
CTCACCCCTG AGCCAGTTTT AAAGACCTCT GGCCATGTAG ACAAATTTGC TGACTTCATG 600
GTGAAAGACG TAAAAAATGG AGAATGTTTT CGTGCTGACC ATCTATTAAA AGCTCATTTA 660
CAGAAATTGA TGTCTGATAA GAAGTGTTCT GTCGAAAAGA AATCAGAAAT GGAAAGTGTT 720
TTGGCCCAGC TTGATAACTA TGGACAGCAA GAACTTGCGG ATCTTTTTGT GAACTATAAT 780
GTAAAATCTC CCATTACTGG AAATGATCTA TCCCCTCCAG TGTCTTTTAA CTTAATGTTC 840
AAGACTTTCA TTGGGCCTGG AGGAAACATG CCTGGGTACT TGAGACCAGA AACTGCACAG 900
GGGATTTTCT TGAATTTCAA ACGACTTTTG GAGTTCAACC AAGGAAAGTT GCCTTTTGCT 960
GCTGCCCAGA TTGGAAATTC TTTTAGAAAT GAGATCTCCC CTCGATCTGG ACTGATCAGA1020
GTCAGAGAAT TCACAATGGC AGAAATTGAG CACTTTGTAG ATCCCAGTGA GAAAGACCAC1080
CCCAAGTTCC AGAATGTGGC AGACCTTCAC CTTTATTTGT ATTCAGCAAA AGCCCAGGTC1140
AGCGGACAGT CCGCTCGGAA AATGCGCCTG GGAGATGCTG TTGAACAGGG TGTGATTAAT1200
AACACAGTAT TAGGCTATTT CATTGGCCGC ATCTACCTCT ACCTCACGAA GGTTGGAATA1260
TCTCCAGATA AACTCCGCTT CCGGCAGCAC ATGGAGAATG AGATGGCCCA TTATGCCTGT1320
GACTGTTGGG ATGCAGAATC CAAAACATCC TACGGTTGGA TTGAGATTGT TGGATGTGCT1380
GATCGTTCCT GTTATGACCT CTCCTGTCAT GCACGAGCCA CCAAAGTCCC ACTTGTAGCT1440
GAGAAACCTC TGAAAGAACC CAAAACAGTC AATGTTGTTC AGTTTGAACC CAGTAAGGGA1500
GCAATTGGTA AGGCATATAA GAAGGATGCA AAACTGGTGA TGGAGTATCT TGCCATTTGT1560
GATGAGTGCT ACATTACAGA AATGGAGATG CTGCTGAATG AGAAAGGGGA ATTCACAATT1620
GAAACTGAAG GGAAAACATT TCAGTTAACA AAAGACATGA TCAATGTGAA GAGATTCCAG1680
AAAACACTAT ATGTGGAAGA AGTTGTTCCG AATGTAATTG AACCTTCCTT CGGCCTGGGT1740
AGGATCATGT ATACGGTATT TGAACATACA TTCCATGTAC GAGAAGGAGA TGAACAGAGA1800
ACATTCTTCA GTTTCCCTGC TGTAGTTGCT CCATTCAAAT GTTCCGTCCT CCCACTGAGC1860
CAAAACCAGG AGTTCATGCC ATTTGTCAAG GAATTATCGG AAGCCCTGAC CAGGCATGGA1920
GTATCTCACA AAGTAGACGA TTCCTCTGGG TCAATCGGAA GGCGCTATGC CAGGACTGAT1980
GAGATTGGCG TGGCTTTTGG TGTCACCATT GACTTTGACA CAGTGAACAA GACCCCCCAC2040
ACTGCAACTC TGAGGGACCG TGACTCAATG CGGCAGATAA GAGCAGAGAT CTCTGAGCTG2100
CCCAGCATAG TCCAAGACCT AGCCAATGGC AACATCACAT GGGCTGATGT GGAGGCCAGG2160
TATCCTCTGT TTGAAGGGCA AGAGACTGGT AAAAAAGAGA CAATCGAGGA ATGAGGACAA2220
TTTTGACAAC TTTTGACCAC TTGCGCTAAT AAAAAAAAAA AAACTACTCT TATGTCCACT2280
TTACAAAAGA AAACAGCATT GTGATTACTC CCAGGGACCG TATTTTATCT TCAGTGGCTG2340
```

203

CCTGATTTTA CCCCCACAAT TAAAGTTGAA GGAATCCTGA 2380

Name: 306 Len: 2000 Check: 1B22

GGTATCGATG ACGTGGACAT TGACCTCCAC ATCAACATCA GCTTCCTCGA TGAGGAAGTC 60
TCTACAGCCT GGAAGGTCCT CCGGACAGAA CCTATTGTGT TGAGGCTGCG ATTTTCTCTC 120
TCCCAGTACC TAGATGGACC AGAACCATCC ATTGAGGTTT TCCAGCCATC AAATAAGGAA 180
GGATTTGGGC TGGGTCTTCA GTTGAAAAAG ATCCTGGGTA TGTTTACATC CCAACAATGG 240
AAACATCTGA GCAATGATTT CTTGAAGACC CAGCAGGAGA AGAGGCACAG TTGGTTCAAG 300
GCAAGTGGTA CCATCAAGAA GTTCCGAGCT GGCCTCAGCA TCTTTTCACC CATCCCCAAG 360
TCTCCCAGTT TCCCTATCAT ACAGGACTCC ATGCTGAAAG GCAAACTAGG TGTACCAGAG 420
CTTCGGGTTG GGCGCCTCAT GAACCGCTCC ATCTCCTGTA CCATGAAGAA CCCCAAAGTG 480
GAAGTGTTTG GCTACCCTCC CAGCCCCCAG GCAGGTCTCC TGTGCCCTCA GCACGTGGGC 540
CTCCCTCCCC CAGCACGGAC CTCTCCTTTG GTCAGTGGTC ACTGCAAGAA CATTCCCACT 600
CTGGAGTATG GATTCCTCGT TCAGATCATG AAGTATGCAG AACAGAGGAT TCCAACATTG 660
AATGAGTACT GTGTGGTGTG TGATGAGCAG CATGTCTTCC AAAATGGATC TATGCTGAAG 720
CCAGCTGTCT GTACTCGTGA ACTATGCGTT TTCTCCTTCT ACACACTGGG CGTCATGTCT 780
GGAGCTGCAG AGGAGGTGGC CACTGGAGCA GAGGTGGTGG ATCTGCTGGT GGCCATGTGT 840
AGGGCAGCTT TAGAGTCCCC TAGAAAGAGC ATCATCTTTG AGCCTTATCC CTCTGTGGTG 900
GACCCCACTG ATCCCAAGAC TCTGGCCTTT AACCCTAAGA AGAAGAATTA TGAGCGGCTT 960
CAGAAAGCTC TGGATAGTGT GATGTCTATT CGGGAGATGA CCCAGGGCTC ATATTTGGAA1020
ATCAAGAAAC AGATGGACAA GTTGGATCCC CTGGCCCATC CTCTCCTGCA GTGGATCATC1080
TCTAGCAACA GGTCACACAT TGTCAAACTA CCTCTCAGCA GGCTGAAGTT CATGCACACC1140
TCACACCAGT TCCTCCTGCT GAGCAGCCCT CCTGCCAAGG AGGCTCGGTT CCGGACCGCC1200
AAGAAGCTCT ATGGCAGCAC CTTTGCCTTC CATGGGTCCC ACATTGAGAA CTGGCATTCG1260
ATCCTGCGCA ATGGGCTGGT CAATGCATCC TACACCAAAC TGCAGCTGCA TGGAGCAGCC1320
TATGGCAAAG GCATCTACCT GAGCCCCATC TCCAGTATTT CCTTTGGATA CTCAGGAATG1380
GGAAAAGGAC AGCACAGGAT GCCCTCCAAG GATGAGCTGG TCCAGAGATA CAACAGGATG1440
AATACCATCC CCCAGACCCG ATCCATTCAG TCACGGTTCC TGCAGAGTCG GAATCTAAAC1500
TGTATAGCAC TTTGTGAAGT GATTACATCT AAGGACCTCC AGAAGCATGG GAACATCTGG1560
GTGTGCCCTG TGTCCGACCA TGTCTGCACA AGATTCTTCT TTGTATATGA GGATGGTCAG1620
GTGGGCGATG CCAACATTAA TACTCAGGAC CCCAAGATAC AGAAGGAAAT CATGCGTGTG1680
ATCGGAACTC AGGTTTACAC AAACTGAGGG GGCCCCAGCC CTCGTACCAC CCCTGTTACC1740
CCAGGATCCA TCTGCCCTCA TAAAAGTGTT CAGGTACAGC AGCTGAGGCT GCCCTGAGGA1800
ATCAAGGGGC CATTACCAAG GGGCAGGAAA AGGATATGTA AGAGGTGGCC TTCATGGTAG1860
AGCTTGACCC AAGAACTACT CCACATTCGG ATGGCCCAGA CTGACTCCAT CCCCTGACTT1920
TCCCTTTGAC TTCACCCTGT TTGTAAATAA AACAATAAAA TGGAAGGTGC TGTGGACTGG1980
AAAAAAAAAA AAAAAAAAAA 2000

Name: 307 Len: 2268 Check: 12EC

ATGGCCAGCG TCCACGAGAG CCTCTACTTC AATCCCATGA TGACCAATGG GGTTGTGCAC 60
GCCAATGTGT TAGGCATCAA GGACTGGGTG ACGCCGTACA AGATCGCGGT GCTGGTGCTG 120
CTGAACGAGA TGAGCCGCAC AGGCGAGGGC GCCGTCAGCC TCATGGAGCG GCGGAGGCTC 180
AACCAGCTGC TCCTGCCCCT GCTGCAGGGC CCAGATATTA CACTGTCAAA ACTTTACAAG 240
TTAATTGAAG AGTCTTGTCC ACAGCTGGCA AATTCAGTGC AGATCAGAAT CAAACTGATG 300
GCTGAAGGCG AGTTGAAGGA TATGGAACAG TTTTTTGATG ACCTTTCAGA TTCTTTCTCT 360
GGAACTGAAC CAGAGGTTCA CAAAACAAGT GTAGTAGGTT TGTTTCTGCG TCACATGATC 420
TTGGCCTACA GTAAGCTTTC TTTCAGCCAA GTGTTTAAAC TGTACACTGC CCTTCAGCAG 480
TACTTCCAGA ATGGTGAGAA AAAGACAGTG GAGGATGCTG ATATGGAACT GACCAGTAGA 540
GATGAGGGTG AAAGAAAAAT GGAAAAAGAA GAACTTGATG TATCTGTAAG AGAAGAGGAG 600
GTATCTTGCA GTGGGCCTCT GTCCCAAAAA CAAGCAGAAT TTTTTCTTTC TCAACAGGCT 660
TCTTTGCTAA AGAATGATGA GACTAAGGCC CTCACTCCAG CTTCCTTGCA GAAGGAATTA 720
AACAATTTGT TGAAATTTAA TCCTGATTTT GCTGAAGCGC ATTATCTCAG CTACTTAAAC 780
AACCTCCGTG TCCAAGATGT TTTCAGTTCA ACACACAGTC TCCTCCATTA TTTTGATCGT 840
CTGATTCTTA CCGGAGCCGA AAGCAAAAGT AATGGGGAAG AGGGCTATGG CCGGAGCTTG 900
AGATACGCCG CTCTGAATCT TGCCGCCCTG CACTGCCGCT TCGGTCACTA TCAACAGGCA 960
GAGCTCGCCC TGCAGGAGGC AATTAGGATT GCCCAGGAGT CCAACGATCA CGTGTGTCTC1020
CAGCACTGTT TGAGCTGGCT TTATGTGCTG GGGCAGAAGA GATCCGATAG CTATGTTCTG1080
CTGGAGCATT CTGTGAAGAA GGCAGTACAT TTTGGGTTAC CGTACCTCGC CTCCCTGGGA1140
ATACAGTCCC TTGTTCAACA GAGAGCTTTT GCTGGGAAGA CGGCAAACAA GCTGATGGAT1200
GCCCTAAAGG ACTCCGACCT CCTGCACTGG AAACACAGCC TGTCAGAGCT CATCGATATC1260
AGCATCGCAC AGAAAACGGC CATCTGGAGG CTGTATGGCC GCAGCACCAT GGCACTGCAA1320
CAGGCCCAGA TGTTGCTGAG CATGAACAGC CTGGAGGCGG TGAATGCGGG CGTGCAGCAG1380
AACAACACAG AGTCCTTTGC TGTCGCACTC TGCCACCTCG CAGAGCTACA CGCGGAGCAG1440
GGCTGTTTTG CTGCAGCTTC TGAAGTGTTA AAGCACTTGA AGGAACGATT TCCGCCTAAT1500
AGTCAGCACG CCCAGTTATG GATGCTATGT GATCAAAAAA TACAGTTTGA CAGAGCAATG1560

204

AATGATGGCA AATATCATTT GGCTGATTCA CTTGTTACAG GAATCACAGC TCTCAATAGC1620
ATAGAGGGTG TTTATAGGAA AGCGGTTGTA TTACAAGCTC AGAACCAAAT GTCAGAGGCA1680
CATAAGCTTT TACAAAAATT GTTGGTTCAT TGTCAGAAAC TGAAGAACAC AGAAATGGTG1740
ATCAGTGTCC TACTGTCCGT GGCAGAGCTG TACTGGCGAT CTTCCTCCCC TACCATCGCG1800
CTGCCCATGC TCCTGCAGGC TCTGGCCCTC TCCAAGGAGT ACCGGTTACA GTACTTGGCC1860
TCTGAAACAG TGCTGAACTT GGCTTTTGCG CAGCTCATTC TTGGAATCCC AGAACAGGCC1920
TTAAGTCTTC TCCACATGGC CATCGAGCCC ATCTTGGCTG ACGGGGCTAT CCTGGACAAA1980
GGTCGTGCCA TGTTCTTAGT GGCCAAGTGC CAGGTGGCTT CAGCAGCTTC CTACGATCAG2040
CCGAAGAAAG CAGAAGCTCT GGAGGCTGCC ATCGAGAACC TCAATGAAGC CAAGAACTAT2100
TTTGCAAAGG TTGACTGCAA AGAGCGCATC AGGGACGTCG TTTACTTCCA GGCCAGACTC2160
TACCATACCC TGGGGAAGAC CCAGGAGAGG AACCGGTGTG CGATGCTCTT CCGGCAGCTG2220
CATCAGGAGC TGCCCTCTCA TGGGGTACCC TTGATAAACC ATCTCTAG 2268

Name: 308 Len: 3176 Check: 1822

GGTGGTGGCG GCGGCGCAAG GGTGAGGGCG GCCCCAGAAC CCCAGGTAGG TAGAGCAAGA 60
AGATGGTGTT TCTGCCCCTC AAATGGTCCC TTGCAATCAT GTCATTTCTA CTTTCCTCAC 120
TGTTGGCTCT CTTAACTGTG TCCACTCCTT CATGGTGTCA GAGCACTGAA GCATCTCCAA 180
AACGTAGTGA TGGGACACCA TTTCCTTGGA ATAAAATACG ACTTCCTGAG TACGTCATCC 240
CAGTTCATTA TGATCTCTTG ATCCATGCAA ACCTTACCAC GCTGACCTTC TGGGGAACCA 300
CGAAAGTAGA AATCACAGCC AGTCAGCCCA CCAGCACCAT CATCCTGCAT AGTCACCACC 360
TGCAGATATC TAGGGCCACC CTCAGGAAGG GAGCTGGAGA GAGGCTATCG GAAGAACCCC 420
TGCAGGTCCT GGAACACCCC CCTCAGGAGC AAATTGCACT GCTGGCTCCC GAGCCCCTCC 480
TTGTCGGGCT CCCGTACACA GTTGTCATTC ACTATGCTGG CAATCTTTCG GAGACTTTCC 540
ACGGATTTTA CAAAAGCACC TACAGAACCA AGGAAGGGGA ACTGAGGATA CTAGCATCAA 600
CACAATTTGA ACCCACTGCA GCTAGAATGG CCTTTCCCTG CTTTGATGAA CCTGCCTTCA 660
AAGCAAGTTT CTCAATCAAA ATTAGAAGAG AGCCAAGGCA CCTAGCCATC TCCAATATGC 720
CATTGGTGAA ATCTGTGACT GTTGCTGAAG GACTCATAGA AGACCATTTT GATGTCACTG 780
TGAAGATGAG CACCTATCTG GTGGCCTTCA TCATTTCAGA TTTTGAGTCT GTCAGCAAGA 840
TAACCAAGAG TGGAGTCAAG GTTTCTGTTT ATGCTGTGCC AGACAAGATA AATCAAGCAG 900
ATTATGCACT GGATGCTGCG GTGACTCTTC TAGAATTTTA TGAGGATTAT TTCAGCATAC 960
CGTATCCCCT ACCCAAACAA GATCTTGCTG CTATTCCCGA CTTTCAGTCT GGTGCTATGG1020
AAAACTGGGG ACTGACAACA TATAGAGAAT CTGCTCTGTT GTTTGATGCA GAAAAGTCTT1080
CTGCATCAAG TAAGCTTGGC ATCACAATGA CTGTGGCCCA TGAACTGGCC CACCAGTGGT1140
TTGGGAACCT GGTCACTATG GAATGGTGGA ATGATCTTTG GCTAAATGAA GGATTTGCCA1200
AATTTATGGA GTTTGTGTCT GTCAGTGTGA CCCATCCTGA ACTGAAAGTT GGAGATTATT1260
TCTTTGGCAA ATGTTTTGAC GCAATGGAGG TAGATGCTTT AAATTCCTCA CATCCTGTGT1320
CTACACCTGT GGAAAATCCT GCTCAGATCC GGGAGATGTT TGATGATGTT TCTTATGATA1380
AGGGAGCTTG TATTCTGAAT ATGCTAAGGG AGTATCTTAG TGCTGACGCA TTTAAAAGTG1440
GTATTGTACA GTATCTCCAG AAGCATAGCT ATAAAAATAC AAAAAACGAG GACCTGTGGG1500
ATAGTATGGC AAGTATTTGC CCTACAGATG GTGTAAAAGG GATGGATGGC TTTTGCTCTA1560
GAAGTCAACA TTCATCTTCA TCCTCACATT GGCATCAGGA AGGGGTGGAT GTGAAAACCA1620
TGATGAACAC TTGGACACTG CAGAAGGGTT TTCCCCTAAT AACCATCACA GTGAGGGGGA1680
GGAATGTACA CATGAAGCAA GAGCACTACA TGAAGGGCTC TGACGGCGCC CCGGACACTG1740
GGTACCTGTG GCATGTTCCA TTGACATTCA TCACCAGCAA ATCCGACATG GTCCATCGAT1800
TTTTGCTAAA AACAAAAACA GATGTGCTCA TCCTCCCAGA AGAGGTGGAA TGGATCAAAT1860
TTAATGTGGG CATGAATGGC TATTACATTG TGCATTACGA GGATGATGGA TGGGACTCTT1920
TGACTGGCCT TTTAAAAGGA ACACACACAG CAGTCAGCAG TAATGATCGG GCGAGTCTCA1980
TTAACAATGC ATTTCAGCTC GTCAGCATTG GGAAGCTGTC CATTGAAAAG GCCTTGGATT2040
TATCCCTGTA CTTGAAACAT GAAACTGAAA TTATGCCCGT GTTTCAAGGT TTGAATGAGC2100
TGATTCCTAT GTATAAGTTA ATGGAGAAAA GAGATATGAA TGAAGTGGAA ACTCAATTCA2160
AGGCCTTCCT CATCAGGCTG CTAAGGGACC TCATTGATAA GCAGACATGG ACAGACGAGG2220
GCTCAGTCTC AGAGCGAATG CTGCGGAGTC AACTACTACT CCTCGCCTGT GTGCACAACT2280
ATCAGCCGTG CGTACAGAGG GCAGAAGGCT ATTTCAGAAA GTGGAAGGAA TCCAATGGAA2340
ACTTGAGCCT GCCTGTCGAC GTGACCTTGG CAGTGTTTGC TGTGGGGGCC CAGAGCACAG2400
AAGGCTGGGA TTTTCTTTAT AGTAAATATC AGTTTTCTTT GTCCAGTACT GAGAAAAGCC2460
AAATTGAATT TGCCCTCTGC AGAACCCAAA ATAAGGAAAA GCTTCAATGG CTACTAGATG2520
AAAGCTTTAA GGGAGATAAA ATAAAAACTC AGGAGTTTCC ACAAATTCTT ACACTCATTG2580
GCAGGAACCC AGTAGGATAC CCACTGGCCT GGCAATTTCT GAGGAAAAAC TGGAACAAAC2640
TTGTACAAAA GTTTGAACTT GGCTCATCTT CCATAGCCCA CATGGTAATG GGTACAACAA2700
ATCAATTCTC CACAAGAACA CGGCTTGAAG AGGTAAAAGG ATTCTTCAGC TCTTTGAAAG2760
AAAATGGTTC TCAGCTCCGT TGTGTCCAAC AGACAATTGA AACCATTGAA GAAAACATCG2820
GTTGGATGGA TAAGAATTTT GATAAAATCA GAGTGTGGCT GCAAAGTGAA AAGCTTGAAC2880
GTATGTAAAA ATTCCTCCCT TGCCAGGTTC CTGTTATCTC TAATCACCAA CATTTTGTTG2940
AGTGTATTTT CAAACTAGAG ATGGCTGTTT TGGCTCCAAC TGGAGATACT TTTTTCCCTT3000

205

CAACTCATTT TTTGACTATC CCTGTGAAAA GAATAGCTGT TAGTTTTTCA TGAATGGGCT3060
TTTTCATGAA TGGGCTATCG CTACCATGTG TTTTGTTCAT CACAGGTGTT GCCCTGCAAC3120
GTAAACCCAA GTGTTGGGTT CCCTGCCACA GAAGAATAAA GTACCTTATT CTTCTC 3176

Name: 309 Len: 2059 Check: 1D13
GCGGCCGCCA AGCGATCCCT GCTCCGCGCG ACACTGCGTG CCCGCGCACG CAGAGAGGCG 60
GTGACGCACT TTACGGCGGC ACGTAAGTGC GTGACGCTCG TCAGTGGCTT CAGTTCACAS 120
GTGGCGCCMG SASGMRGGTT GCTGTGTTTG TGCTTCCTTC TACAGCCAAT ATGAAAAGGC 180
CTAAGTTAAA GAAAGCAAGT AAACGCATGA CCTGCCATAA GCGGTATAAA ATCCAAAAAA 240
AGGTTCGAGA ACATCATCGA AAATTAAGAA AGGAGGCTAA AAAGCAGGGT CACAAGAAGC 300
CTAGGAAAGA CCCAGGAGTT CCAAACAGTG CTCCCTTTAA GGAGGCTCTT CTTAGGGAAG 360
CTGAGCTAAG GAAACAGAGG CTTGAAGAAC TAAAACAGCA GCAGAAACTT GACAGGCAGA 420
AGGAACTAGA AAAGAAAAGA AAACTTGAAA CTAATCCTGA TATTAAGCCA TCAAATGTGG 480
AACCTATGGA AAAGGAGTTT GGGCTTTGCA AAACTGAGAA CAAAGCCAAG TCGGGCAAAC 540
AGAATTCAAA GAAGCTGTAC TGCCAAGAAC TTAAAAAGGT GATTGAAGCC TCCGATGTTG 600
TCCTAGAGGT GTTGGATGCC AGAGATCCTC TTGGTTGCAG ATGTCCTCAG GTAGAAGAGG 660
CCATTGTCCA GAGTGGACAG AAAAAGCTGG TACTTATATT AAATAAATCA GATCTGGTAC 720
CAAAGGAGAA TTTGGAGAGC TGGCTAAATT ATTTGAAGAA AGAATTGCCA ACAGTGGTGT 780
TCAGAGCCTC AACAAAACCA AAGGATAAAG GGAAGATAAC CAAGCGTGTG AAGGCAAAGA 840
AGAATGCTGC TCCATTCAGA AGTGAAGTCT GCTTTGGGAA AGAGGGCCTT TGGAAACTTC 900
TTGGAGGTTT TCAGGAAACT TGCAGCAAAG CCATTCGGGT TGGAGTAATT GGTTTCCCAA 960
ATGTGGGGAA AAGCAGCATT ATCAATAGCT TAAAACAAGA ACAGATGTGT AATGTTGGTG1020
TATCCATGGG GCTTACAAGG AGCATGCAAG TTGTCCCCTT GGACAAACAG ATCACAATCA1080
TAGATAGTCC GAGCTTCATC GTATCTCCAC TTAATTCCTC CTCTGCGCTT GCTCTGCGAA1140
GTCCAGCAAG TATTGAAGTA GTAAAACCGA TGGAGGCTGC CAGTGCCATC CTTTCCCAGG1200
CTGATGCTCG ACAGGTAGTA CTGAAATATA CTGTCCCAGG CTACAGGAAT TCTCTGGAAT1260
TTTTTACTAT GCTTGCTCAG AGAAGAGGTA TGCACCAAAA AGGTGGAATC CCAAATGTTG1320
AAGGTGCTGC CAAACTGCTG TGGTCTGAGT GGACAGGTGC CTCATTAGCT TACTATTGCC1380
ATCCCCCTAC ATCTTGGACT CCTCCTCCAT ATTTTAATGA GAGTATTGTG GTAGACATGA1440
AAAGCGGCTT CAATCTGGAA GAACTGGAAA AGAACAATGC ACAGAGCATA AGAGCCATCA1500
AGGGCCCTCA TTTGGCCAAT AGCATCCTTT TCCAGTCTTC CGGTCTGACA AATGGAATAA1560
TAGAAGAAAA GGACATACAT GAAGAATTGC CAAAACGGAA AGAAAGGAAG CAGGAGGAGA1620
GGGAGGATGA CAAAGACAGT GACCAGGAAA CTGTTGATGA AGAAGTTGAT GAAAACAGCT1680
CAGGCATGTT TGCTGCAGAA GAGACAGGGG AGGCACTTCT GAGGAGACTA CAGCAGGTGA1740
ACAGTCTACA AGGTCTTTTA TCTTGGATAA AATCATTGAA GAGGATGATG CTTATGACTT1800
CAGTACAGAT TATGTGTAAC AGAACAATGG CTTTTTATGA TTTTTTTTTT TAACATTTTA1860
AGCAGACTGC TAAACTGTTC TCTGTATAAG TTATGGTATG CATGAGCTGT GTAAATTTTG1920
TGAATATGTA TTATATTAAA ACCAGGCAAC TTGGAATCCC TAAATTCTGT AAAAAGACAA1980
TTCATCTCAT TGTGAGTGGA AGTAGTTATC TGGAATAAAA AAAGAAGATA CCTATTGAAA2040
AAAAAAAAAA AAAAAAAAA 2059

Name: 31 Len: 550 Check: 2010
TCAGACTCTC CTCGTTCGCG CAGTCAGCTC GGCTCCTTCC AGCAACCATG TCTGACAAAC 60
CCGATATGGC TGAGATCGAG AAATTCGATA AGTCGAAGTT GAAGAAAACA GAAACGCAAG120
AGAAAAATCC TCTGCCTTCA AAAGAAACAA TTGAACAAGA GAAGCAAGCT GGCGAATCGT180
AATGAGGCGA GCGCGCCAAT ATGCACTGTA CATTCCACGA GCATTGCCTT CTTATTTTAC240
TTCTTTTAGC TGTTTAACTT TGTAAGATGC AAAGAGGTTG GATCAAGTTT AAATCGACTG300
TGCTGCCCCT TTCACATCAA AGAATCAGAA CTACTGAGCA GGAAGGCCTC CCCTGCCTCT360
CCCACCCATC TGATGGTCTG GCTAGCAGAG AGGGAAAAGA ACTTGCATGT TGGTGAAGGA420
AAAAGCTGGG TGGGAGATGA TGAATNGAGA GGAAAATTTC AAGATGGTCC AAGATGTCCT480
GGCAGGATGT AAATGGCAGT TTTAATCAGA GTGGCATTTT TTTTTTGGTT CAAACAATTT540
TAATTATTGG 550

Name: 310 Len: 2238 Check: 1154
CGTTGCCGGG TCGCAGGTCC CGCCAGTGCG AGCGCAACGG AGGTCGAAGG CGTTCAGACT 60
CTTAGCTGAA CGCGGAGCTG CGGCGGCTAT GCTGTGGAGC GGCTGCCGGC GTTTCGGGGC 120
GCGCCTCGGC TGCCTGCCCG GCGGTCTCCG GGTCCTCGTC CAGACCGGCC ACCGGAGCTT 180
GACCTCCTGC ATCGACCCTT CCATGGGACT TAATGAAGAG CAGAAAGAAT TTCAAAAAGT 240
GGCCTTTGAC TTTGCTGCCC GAGAGATGGC TCCAAATATG GCAGAGTGGG ACCAGAAGGA 300
GCTGTTCCCA GTGGATGTGA TGCGGAAGGC AGCCCAGCTA GGCTTCGGAG GGGTCTACAT 360
ACAAACAGAT GTGGGCGGGT CTGGGCTGTC ACGTCTTGAT ACCTCTGTCA TTTTTGAAGC 420
CTTGGCTACA GGCTGCACCA GCACCACAGC CTATATAAGC ATCCACAACA TGTGTGCCTG 480
GATGATTGAT AGCTTCGGAA ATGAGGAACA GAGGCACAAA TTTTGCCCAC CGCTCTGTAC 540
CATGGAGAAG TTTGCTTCCT ACTGCCTCAC TGAACCAGGA AGTGGGAGTG ATGCTGCCTC 600
TCTTCTGACC TCCGCTAAGA AACAGGGAGA TCATTACATC CTCAATGGCT CCAAGGCCTT 660
CATCAGTGGT GCTGGTGAGT CAGACATCTA TGTGGTCATG TGCCGAACAG GAGGACCAGG 720

206

CCCCAAGGGC ATCTCATGCA TAGTTGTTGA GAAGGGGACC CCTGGCCTCA GCTTTGGCAA 780
GAAGGAGAAA AAGGTGGGGT GGAACTCCCA GCCAACACGA GCTGTGATCT TCGAAGACTG 840
TGCTGTCCCT GTGGCCAACA GAATTGGGAG CGAGGGGCAG GGCTTCCTCA TTGCCGTGAG 900
AGGACTGAAC GGAGGGAGGA TCAATATTGC TTCCTGCTCC CTGGGGGCTG CCCACGCCTC 960
TGTCATCCTC ACCCGAGACC ACCTCAATGT CCGGAAGCAG TTTGGAGAGC CTCTGGCCAG1020
TAACCAGTAC TTGCAATTCA CACTGGCTGA TATGGCAACA AGGCTGGTGG CCGCGCGGCT1080
GATGGTCCGC AATGCAGCAG TGGCTCTGCA GGAGGAGAGG AAGGATGCAG TGGCCTTGTG1140
CTCCATGGCC AAGCTCTTTG CTACAGATGA ATGCTTTGCC ATCTGCAACC AGGCCTTGCA1200
GATGCACGGG GGCTACGGCT ACCTGAAGGA TTACGCTGTT CAGCAGTACG TGCGGGACTC1260
CAGGGTCCAC CAGATTCTAG AAGGTAGCAA TGAAGTGATG AGGATACTGA TCTCTAGAAG1320
CCTGCTTCAG GAGTAGAACC CACACTTGTT CTGGCCTGGT GTTCAGTGCG ACTGCAGTCA1380
GTGTTGAGTG GTGCCATGTG GGCCGCTCTA TTCCAAAGGA ATCATGGATT AGACCCAAGG1440
GCTGAGCTCC TCTAGGGCAG GACCTGCACC CTGTGTGTTG GCACCAGCAT CGGGTCTTGG1500
ACTGGGGCAG AATCCCCAGT GGAACCGGAA GAGCTGGACT GATGAGAAAC ATCAGAAGAA1560
CACATACTAC CTTGTTTTCC TAATGCCAGA AGGGTGACCA GTGAAGATTC ACCGTCAAAC1620
CATGAAAGTC CTTTCTTGGA TCCACTTTAT CTTGATTAGT CTGCATTTTA CTAGTTCACT1680
GGATCCCTCC TCTAGGGGCC TGGGGACTTT CACTGATGCT CTTCCTGATT CTAGAGCAAA1740
GGTGTGGGAA GGGGAAATGG AGGAATGCCC TCCTGTCTGT GTCGTTCTCT GTGCCACAGC1800
TACAGATGCA GAAGGTTTCT CTGGATAGCA CACCTCTGAA TGTAAATCAT GATAAAATGG1860
ATATTTGGAA ACTTACTCCT AAGCTGTGAT GTAGGGTGTA TTTCTACTTC TGGACTGCCT1920
CAATATCAAG GGCTGAGACT TTTGAATGTT GAATATTCGT TGGGTTTCAT GTTAAGACGC1980
CTGTGGTCCA GGAGTGCTAT TCAGTGTTTC TGTTCCTGAT AAACACTTTG AATATTTTTT2040
TGTGTTTTTG TTTCCTTTTC TGAAGCTGTT CCTCCTTTTA AATATTTTTA ATCACATTGA2100
TAAAATCTAT CCTTCATCCA CCTCTGGTTC TACTATAGTT GATTTTTATT TTAAATGTTT2160
AATTGTATTT GATTAAACAC TTAACTGGAT TTTGGAATAA TAAAACTCTC GTCCAATTTG2220
GCTTTTAAAA AAAAAAAA 2236

Name: 311 Len: 3334 Check: 1CA

CGGAGGAGGC CCAGAGACCG GAGCGCGGAG ACCTCAGCCA GCGGCCTACG CCCAGGCCTT 60
TCTCCACCGG AGGACCAGGG AACCGCAGTC TTCATCACAG AGGTACCGTG CTCCGCGCTC 120
CCCGCCTGAC CCGGCCCAGC CCGCTGCGGC GGTGCCTCCT TCCTTCCTCC TTCCCTCGCG 180
CTCTCTCTTT CGCCCGCCCG CGCCTTCCCT GCCCGCCTGC GTCACCGCGG CCGCCATGGC 240
TGAGAATGGC GAGAGCAGCG GCCCCCCGCG CCCCTCCCGC GGCCCTGCTG CGGCCCAAGG 300
CTCGGCTGCT GCCCCGGCTG AGCCTAAAAT CATCAAAGTC ACGGTGAAGA CTCCCAAAGA 360
GAAAGAGGAG TTCGCGGTGC CCGAGAACAG CTCGGTTCAG CAGTTTAAGG AAGCGATTTC 420
GAAACGCTTC AAATCCCAAA CCGATCAGCT AGTGCTGATT TTTGCCGGAA AAATCTTAAA 480
AGATCAAGAT ACCTTGATCC AGCATGGCAT CCATGATGGG CTGACTGTTC ACCTTGTCAT 540
CAAAAGCCAG AACCGACCTC AGGGCCAGTC CACGCAGCCT AGCAATGCCG CGGGAACTAA 600
CACTACCTCG GCGTCGACTC CCAGGAGTAA CTCCACACCT ATTTCCACAA ATAGCAACCC 660
GTTTGGGTTG GGGAGCCTGG GAGGACTTGC AGGCCTTAGC AGCCTGGGCT TGAGCTCGAC 720
CAACTTCTCT GAGCTCCAGA GCCAGATGCA GCAGCAGCTT ATGGCCAGCC CTGAGATGAT 780
GATCCAAATA ATGGAAAATC CCTTTGTTCA GAGCATGCTT TCGAATCCCG ATCTGATGAG 840
GCAGCTGATT ATGGCTAATC CACAGATGCA GCAATTGATT CAGAGAAACC CAGAAATCAG 900
TCACCTGCTC AACAACCCAG ACATAATGAG GCAGACACTC GAAATTGCCA GGAATCCAGC 960
CATGATGCAA GAGATGATGA GAAATCAAGA CCTGGCTCTT AGCAATCTAG AAAGCATCCC1020
AGGTGGCTAT AATGCTTTAC GGCGCATGTA CACTGACATT CAAGAGCCGA TGCTGAATGC1080
CGCACAAGAG CAGTTTGGGG GTAATCCATT TGCCTCCGTG GGGAGTAGTT CCTCCTCTGG1140
GGAAGGTACG CAGCCTTCCC GCACAGAAAA TCGCGATCCA CTACCCAATC CATGGGCACC1200
ACCGCCAGCT ACCCAGAGTT CTGCAACTAC CAGCACGACC ACAAGCACTG GTAGTGGGTC1260
TGGCAATAGT TCCAGCAATG CTACTGGGAA CACCGTTGCT GCCGCTAATT ATGTCGCCAG1320
CATCTTTAGT ACCCCAGGCA TGCAGAGCCT GCTGCAACAG ATAACTGAAA ACCCCCAGCT1380
GATTCAGAAT ATGCTGTCGG CGCCCTACAT GAGAAGCATG ATGCAGTCGC TGAGCCAGAA1440
TCCAGATTTG GCTGCACAGA TGATGCTGAA TAGCCCGCTG TTTACTGCAA ATCCTCAGCT1500
GCAGGAGCAG ATGCGGCCAC AGCTCCCAGC CTTCCTGCAG CAGATGCAGA ATCCAGACAC1560
ACTATCAGCC ATGTCAAACC CAAGAGCAAT GCAGGCTTTA ATGCAGATCC AGCAGGGGCT1620
ACAGACATTA GCCACTGAAG CACCTGGCCT GATTCCGAGC TTCACTCCAG GTGTGGGGGT1680
GGGGGTGCTG GGAACCGCTA TAGGCCCTGT AGGCCCAGTC ACCCCCATAG GCCCCATAGG1740
CCCTATAGTC CCTTTTACCC CCATAGGCCC CATTGGGCCC ATAGGACCCA CTGGCCCTGC1800
AGCCCCCCCT GGCTCCACCG GCTCTGGTGG CCCCACGGGG CCTACTGTGT CCAGCGCTGC1860
ACCTAGAGAA ACCACGAGTC CTACATCAGA ATCTGGACCC AACCAGCAGT TCATTCAGCA1920
AATGGTGCAG GCCCTGGCTG GAGCAAATGC TCCACAGCTG CCGAATCCAG AAGTCAGATT1980
TCAGCAACAA CTGGAACAGC TCAACGCAAT GGGGTTCTTA AACCGTGAAG CAAACTTGCA2040
GGCCCTAATA GCAACAGGAG GCGACATCAA TGCAGCCATT GAAAGGCTGC TGGGCTCCCA2100
GCCATCGTAA TCACATTTCT GTACCTGGAA AAAAAATGTA TCTTATTTTT GATAATGGCT2160

CTTAAATCTT TAAACACACA CACAAAATCG TTCTTTACTT TCATTTTGAT TCTTTTAAAT2220
CTGTCTAGTT GTAAGTCTAA TATGATGCAT TTTAAGATGG AGTCCCTCCC TCCTACTTCC2280
CTCACTCCCT TTCTCCTTTG CTTATTTTTC CTACCTTCCC TTCCTCTTGT CTCCCCACTC2340
CCTCCCTCTT TGTTTCCTTC CTTCCTTATT TCCTTTAGTT TCCTTCCTTA GCCGTTTTTA2400
GTGGTGGGAA TCAAATGCTG TTTCACTCAA AAGTGTTGCA TGCAAACACT TCTCTTTATT2460
CTGCATTTAT TGTGATTTTT GGAAACAGGT ATCAACCTTC ACAGGTTGGG TGCAACAAGT2520
GTTGTCCTAC AGATGTCCAA TTTATTTGCA TTTTTAAACA TTAGCCTATG ATAGTAATTT2580
AATGTAGAAT GAAGATATTA AAACCAGAAG CAAATTATTT GAAGCCCTCT AATTTGTGGT2640
ACGATATTGC CTTATTGTGA CTTTGGCAKG TATTTTTGCT AGCAAAATGC TGTAAGATTT2700
ATACCATTGA TCTTTTTTGC TATATTTGTA TACAGTACAG TAAGCACAAT TGGCCCTGTA2760
CATCTAAAAA TATTACAGTA GAATCTGAGT GTAATATGTG TAACCAAAAT GAGAAAGAAT2820
ACAAGAAATG TTTCTGGAGC TAGTTATGTC TCACAATTTT GTAGAATCTT ACAGCATCTT2880
TGATAAACTT CTCAGTGAAA ATGTTGGCTA GGCAAGTTCA GTTAAAACAT AGTACAAATG2940
TTTATCCTGG CATCTCTAAG TACACATTTA ATTGCACAGA AAATTTACAG TGTAACATTG3000
CGTCAACATT TGCAGATTGA CTGCATATGA CCTTAATCTT TGTGCAGCCT GAAGGATCAG3060
TGTAGTAATG CCAGGAAAGT GCTTTTTACC TAAGACTTCC TTCTCAGCTT CTCCCATAAA3120
CAGACCCTAA TATGCATTTT GATTTGTAAT TGGAAATGTA ACTTTCCCTG AAAGTGTCAT3180
GTGATGTTTG CATTACTTTT AACTGCTATG TATAAAGGAA AGTGTGTCTT TTGACTTCAT3240
CAGTTATTTC TCTTGCGCCC ACAGAAAAAT GCATTAAAAA TGACTAAAAA AAATAAAAAA3300
TTAAAAAATG GAAAAAAAAA AAAAAAAAAA AAAA 3334

Name: 312 Len: 1701 Check: 1755

GGAACAAAAG CTGGAGCTCC ACCGCGGTGG CGGCCGCTCT AGAACTAGTG GATCCCCCGG 60
GCTGCAGGAA TTCGGCACGA GCAGAAGAGG GGGCTAGCTA GCTGTCTCTG CGGACCAGGG 120
GAGACCCCGC GCCCCCCCGG TGTGAGGCGG CCTCACAGGG CCGGGTGGGC TGGCGAGCCG 180
ACGCGGCGGC GGAGGAGGCT GTGAGGAGTG TGTGGAACAG GACCCGGGAC AGAGGAACCA 240
TGGCTCCGCA GAACCTGAGC ACCTTTTGCC TGTTGCTGCT ATACCTCATC GGGGCGGTGA 300
TTGCCGGACG AGATTTCTAT AAGATCTTGG GGGTGCCTCG AAGTGCCTCT ATAAAGGATA 360
TTAAAAAGGC CTATAGGAAA CTAGCCCTGC AGCTTCATCC CGACCGGAAC CCTGATGATC 420
CACAAGCCCA GGAGAAATTC CAGGATCTGG GTGCTGCTTA TGAGGTTCTG TCAGATAGTG 480
AGAAACGGAA ACAGTACGAT ACTTATGGTG AAGAAGGATT AAAAGATGGT CATCAGAGCT 540
CCCATGGAGA CATTTTTTCA CACTTCTTTG GGGATTTTGG TTTCATGTTT GGAGGAACCC 600
CTCGTCAGCA AGACAGAAAT ATTCCAAGAG GAAGTGATAT TATTGTAGAT CTAGAAGTCA 660
CTTTGGAAGA AGTATATGCA GGAAATTTTG TGGAAGTAGT TAGAAACAAA CCTGTGGCAA 720
GGCAGGCTCC TGGCAAACGG AAGTGCAATT GTCGGCAAGA GATGCGGACC ACCCAGCTGG 780
GCCCTGGGCG CTTCCAAATG ACCCAGGAGG TGGTCTGCGA CGAATGCCCT AATGTCAAAC 840
TAGTGAATGA AGAACGAACG CTGGAAGTAG AAATAGAGCC TGGGGTGAGA GACGGCATGG 900
AGTACCCCTT TATTGGAGAA GGTGAGCCTC ACGTGGATGG GGAGCCTGGA GATTTACGGT 960
TCCGAATCAA AGTTGTCAAG CACCCAATAT TTGAAAGGAG AGGAGATGAT TTGTACACAA1020
ATGTGACAAT CTCATTAGTT GAGTCACTGG TTGGCTTTGA GATGGATATT ACTCACTTGG1080
ATGGTCACAA GGTACATATT TCCCGGGATA AGATCACCAG GCCAGGAGCG AAGCTATGGA1140
AGAAAGGGGA AGGGCTCCCC AACTTTGACA ACAACAATAT CAAGGGCTCT TTGATAATCA1200
CTTTTGATGT GGATTTTCCA AAAGAACAGT TAACAGAGGA AGCGAGAGAA GGTATCAAAC1260
AGCTACTGAA ACAAGGGTCA GTGCAGAAGG TATACAATGG ACTGCAAGGA TATTGAGAGT1320
GAATAAAATT GGACTTTGTT TAAAATAAGT GAATAAGCGA TATTTATTAT CTGCAAGGTT1380
TTTTTGTGTG TGTTTTTGTT TTTATTTTCA ATATGCAAGT TAGGCTTAAT TTTTTTATCT1440
AATGATCATC ATGAAATGAA TAAGAGGGCT TAAGAATTTG TCCATTTGCA TTCGGAAAAG1500
AATGACCAGC AAAAGGTTTA CTAATACGTC TCCCTTTGGG GATTTAATGT CTGGTGCTGC1560
CGCCTGAGTT TCAAGAATTA AAGCTGCAAG AGGACTCCAG GAGCAAAAGA AACACAATAT1620
AGAGGGTTGG AGTTGTTAGC AATTTCATTC AAAATGCCAA CTGGAGAAGT CTGTTTTTAA1680
ATACATTTTG TTGTTATTTT T 1701

Name: 313 Len: 5956 Check: 1318

GGGGAGAACA CTTCTTTGTC TGGGATTCCA ACCAGCTCTG TCCTTAGCTT GTCTCTGCCT 60
AGCAGTGTTG CCCAAAGTAA TTTTCCACAA GGTTCTGGTG CTTCCGAAAT GGTTTCTAAT 120
CAGCCTGCTA ATTTGCTGGT TCAACCACCA TCCCAGCCAG TTCCAGAGAA CTTGGTTCCA 180
GAAAGTCAAA AGGATCGTAA GGCAGGAAGT GCTCTTCCCG GATTTGCTAA TAGCCCTGCT 240
GGAAGCACAA GTGTGGTGTT AGTTCCACCT GCACACGGCA CCCTGGTGCC TGATGGTAAT 300
AAGGCAAACC ATTCCAGTCA TCAGGAAGAC ACTTACGGAG CCCTAGACTT TGCCTTAAGC 360
AGGACTTTGG AAAATCCTGT AAACGTGTAC AACCCGTCCC ATTCTGACAG CCTCGCTTCT 420
CAGCAAAGTG TTGCCAGTCA TCCCAGACAA TCTGGGCCTG GGGCGCCTAA CCTTGACCGT 480
TTTTATCAGC AGGTCACGAA AGATGCCCAG GGCCAGCCTG GCCTCGAAAG AGCCCAGCAG 540
GAGCTGGCGC CACCCCAGCA ACAGGCTTCT CCCCCACAAC TACCCAAAGC CATGTTTTCG 600
GAGCTGTCAA ATCCAGAAAG TCTGCCCGCA CAGGGACAGG CCCAGAACTC AGCACAGTCA 660
CCAGCAAGTC TGGTTCTGGT CGACGCGGGT CAGCAGCTGC CCCCTCGGCC TCCTCAGTCC 720

208

TCTAGCGTGT CTCTGGTGTC CAGTGGCTCC GGCCAGGCAG CTGTGCCGTC AGAGCAGCCG 780
TGGCCACAGC CAGTGCCTGC ACTTGCCCCC GGCCCACCGC CTCAGGACCT GGCCGCCTAC 840
TACTACTACC GGCCTTTGTA CGATGCCTAC CAGCCTCAGT ACTCTTTGCC GTACCCACCG 900
GAGCCTGGCG CAGCCTCCCT CTATTACCAG GATGTCTACA GCCTCTATGA GCCTCGATAC 960
AGGCCCTATG ATGGTGCTGC GTCTGCTTAC GCCCAGAACT ACCGCTATCC CGAGCCCGAG1020
CGGCCCAGCT CCCGAGCCAG CCACTCCTCG GAACGGCCAC CTCCCAGGCA AGGATATCCT1080
GAAGGATACT ATAGTTCCAA AAGTGGATGG AGCAGTCAGA GCGATTACTA TGCAAGCTAT1140
TACTCCAGCC AGTACGATTA TGGAGATCCA GGTCACTGGG ATCGTTACCA CTACAGTGCT1200
AGAGTCAGGG ACCCCCGCAC CTATGACCGG AGGTATTGGT GTGATGCAGA GTATGACGCA1260
TACAGGAGAG AGCACTCTGC CTTCGGGGAC AGGCCCGAGA AACGTGACAA CAACTGGAGG1320
TACGATCCTC GCTTCACGGG GAGTTTTGAC GATGACCCCG ATCCGCACAG AGACCCTTAT1380
GGGGAAGAGG TGGACCGGCG CAGCGTCCAC AGCGAGCACT CGGCACGGAG CCTGCACAGC1440
GCACACAGCC TGGCCAGCCG CCGCAGCAGC CTCAGCTCCC ACTCGCACCA GAGTCAGATT1500
TACAGAAGCC ACAATGTGGC TGCCGGTTCC TACGAGGCCC CGCTTCCTCC AGGCTCCTTT1560
CACGGCGATT TTGCCTACGG CACCTACCGC AGCAATTTCA GCAGTGGCCC CGGCTTCCCA1620
GAGTATGGCT ACCCTGCCGA CACCGTCTGG CCTGCCATGG AGCAAGTTTC ATCAAGACCA1680
ACTTCTCCTG AAAAATTTTC AGTGCCTCAT GTCTGTGCCA GGTTTGGCCC TGGCGGTCAG1740
CTTATCAAAG TGATTCCCAA TCTGCCTTCA GAAGGACAGC CGGCCTTGGT GGAGGTCCAC1800
AGCATGGAGG CCTTGCTGCA GCACACGTCT GAGCAGGAGG AGATGCGGGC GTTCCCGGGA1860
CCCCTGGCCA AAGACGACAC CCATAAGGTG GATGTCATTA ATTTTGCACA GAACAAAGCT1920
ATGAAATGTT TGCAGAATGA AAACTTAATT GACAAAGAGT CTGCAAGTCT TCTTTGGAAT1980
TTTATTGTTC TCTTATGCAG ACAAAATGGG ACCGTGGTAG GGACCGACAT TGCGGAGCTT2040
CTGTTACGAG ACCACAGAAC AGTGTGGCTT CCTGGGAAGT CGCCCAATGA AGCAAACCTG2100
ATTGATTTCA CGAATGAGGC AGTGGAGCAG GTGGAAGAGG AGGAGTCTGG TGAGGCCCAG2160
CTCTCTTTCC TCACTGGTGG TCCGGCGGCT GCCGCCAGCT CGCTCGAGAG AGAGACCGAG2220
AGGTTCAGGG AGCTGTTGCT GTATGGCCGT AAGAAGGATG CTTTGGAGTC TGCAATGAAG2280
AATGGCCTGT GGGGTCACGC TCTGCTACTT GCAAGTAAGA TGGACAGCCG GACACACGCC2340
CGAGTCATGA CCAGGTTTGC TAACAGCCTC CCAATCAACG ACCCTCTGCA GACAGTCTAC2400
CAGCTCATGT CCGGACGGAT GCCTGCCGCG TCCACGTGCT GTGGAGACGA GAAATGGGGA2460
GATTGGAGGC CGCACCTCGC CATGGTCTTG TCCAACTTGA ACAACAACAT GGACGTCGAG2520
TCCAGGACGA TGGCTACCAT GGGCGACACT CTGGCTTCAA GGGGCCTCTT GGATGCGGCC2580
CACTTCTGCT ACCTCATGGC CCAGGCGGGA TTTGGTGTTT ACACGAAGAA AACTACAAAG2640
CTTGTCTTAA TCGGATCCAA TCACAGTTTG CCATTCTTAA AGTTCGCAAC CAACGAAGCA2700
ATCCAGAGGA CGGAAGCCTA TGAGTACGCC CAGTCCCTGG GTGCCGAGAC CTGCCCCCTG2760
CCTAGTTTCC AGGTGTTTAA GTTCATCTAC TCCTGCCGCC TGGCGGAAAT GGGGCTGGCC2820
ACGCAAGCCT TCCACTACTG TGAGGCCATC GCGAAGAGCA TCCTGACGCA GCCGCACCTG2880
TATTCCCCGG TGTTGATCAG CCAGCTTGTG CAGATGGCTT CCCAGTTACG ACTCTTCGAT2940
CCCCAGCTGA AAGAGAAGCC AGAAGAGGAG TCCTTGGCCG CACCCACGTG GCTGGTTCAC3000
CTGCAGCAGG TGGAGCGGCA GATTAAGGAG GGGGCTGGAG TATGGCATCA GGATGGAGCC3060
CTCCCGCAGC AGTGTCCTGG CACTCCGAGT TCCGAGATGG AGCAGTTGGA CAGGCCAGGA3120
CTCAGTCAGC CAGGAGCCCT GGGGATCGCC AACCCTCTGC TGGCGGTGCC TGCACCGAGC3180
CCTGAGCACT CGAGCCCGAG CGTGCGGCTG CTGCCCTCAG CTCCGCAGAC GCTCCCTGAC3240
GGCCCATTGG CCAGTCCTGC CAGAGTGCCG ATGTTCCCAG TGCCACTGCC CCCGGGGCCC3300
CTGGAGCCGG GTCCTGGCTG TGTGACCCCA GGGCCTGCAC TTGGCTTCCT GGAGCCCTCC3360
GGGCCTGGCC TCCCACCTGG TGTGCCACCT CTGCAGGAAA GGAGACACTT GCTCCAGGAA3420
GCCAGGAGCC CAGACCCAGG GATAGTGCCG CAGGAGGCGC CTGTTGGAAA CTCACTTTCC3480
GAGCTAAGCG AAGAAAATTT TGATGGAAAA TTTGCTAATC TGACCCCCTC GAGGACGGTG3540
CCAGACTCGG AGGCCCCCCC AGGGTGGGAT CGTGCCGACT CGGGTCCCAC GCAGCCACCT3600
CTGTCTCTCT CACCCGCTCC CGAAACAAAG AGACCCGGAC AGGCAGCCAA GAAAGAAACG3660
AAGGAACCTA AGAAGGGTGA ATCCTGGTTC TTTCGTTGGC TACCTGGAAA GAAAAAGACA3720
GAAGCTTATT TGCCAGATGA CAAGAACAAA TCGATTGTTT GGGATGAAAA GAAAAACCAG3780
TGGGTGAATT TAAATGAGCC AGAAGAGGAG AAGAAAGCCC CGCCCCCACC TCCAACCTCG3840
ATGCCCAAGA CTGTGCAAGC TGCCCCGCCT GCCCTCCCAG GGCCTCCTGG AGCCCCCGTG3900
AACATGTACT CTAGAAGAGC AGCAGGAACC AGAGCTCGCT ACGTTGACGT CCTGAACCCA3960
AGCGGGACCC AGCGGAGCGA GCCGGCTCTC GCTCCTGCGG ACTTTGTCGC TCCACTCGCG4020
CCACTCCCAA TTCCTTCTAA CTTGTTCGTG CCAACCCCAG ATGCAGAAGA ACCACAGCTT4080
CCAGACGGGA CTGGCAGGGA AGGGCCTGCA GCAGCTAGGG GCCTGGCCAA TCCAGAGCCT4140
GCCCCAGAGC CCAAGGCTCC TGGCGACCTC CCTGCTGCAG GGGGCCCTCC CAGCGGGGCC4200
ATGCCCTTCT ACAACCCTGC TCAGCTGGCA CAGGCCTGCG CCACCTCCGG GAGCTCAAGG4260
CTAGGGAGGA TTGGCCAGAG GAAGCACCTG GTGCTGAACT AGGCTTGCCC TGCTGTGAAC4320
TTGCACTTGG AGCCCTGACG CTGCTGTTCT CCCCGAAGAA CCCGACCGAC CTCCGCGATC4380
TCCGTCCCGC CCCCAGGGAG ACACAGCAGT GACTCAGAGC TGGTCGCACA CTGTGCCTCC4440
CTCCTCACCG CCCATCGTAA TGAATTATTT TGAAAATTAA TTCCACCATC CTTTCAGATT4500

209

CTGGATGGAA AGACTGAATC TTTGACTCAG AATTGTTTGC CGAAAAGAAT GATGTGACTT4560
TCTTAGTCAT TTAGGATGAT TTAAGGATAT AGTATTCCTG GTCATTTAAG AATGTTCATT4620
CATTGAAGCC GGAGCTGTCT CTGCCACGGG AGAGCCACAT GGTCGGTAGT AACCAGGGCC4680
TCTCCAAGCC CAGCTGTGAG TCACTGCCCA GTGAGTCCCG CGCTTCCTTT AAGGTGCTGG4740
GAGCAAAGAG AGGGTGACTG AGGCAGACCC CAACCCCTGC TCTGCACCAT CTGGGCCCTC4800
GCCGTGTTTG AACCTGGCTG AATGAGTGGA GGGCGCTGTG TTCTCAATCA GCGCCTCCGA4860
GGAGCCGTGG GGTTCCTTCG GCATTAGTTC ACGGTTTTTG AGAGAGGCCC TAGTTACTGC4920
AGTGAATTTC TTTCCTGTTG CAGAGACGCT TCCAGCCTCA CTTTACTTTC TGTGGCCTGA4980
TGAGGACCAT GGGTGATTTT GTGTACCCAA AGCGCTGGGG ACTGCCCACC GTGTGGCCCA5040
GTCACTGGGA AGGAGCCCCA GAGAGCCGGC TGTCTGACAT GATGGCTCAG GGTGGTCATC5100
CAGGTTGAAA ACTGACCGTG TGATGTTTGA TTTGGGCTTC ATTTCGTGTG TAGGAGCACG5160
GTTAGACTCA CTGTTAAGGA AGCTGGATGC ACTTCTCTAA AAGGCTGCAC TTTCCGTGAG5220
CACTTTTCGT GGTACAATCC ACATGACCCA CTTTCTCCCC TGGGGGACGT TGGTTCAGAG5280
GTTGGTAGCA CTTGGGGAGA GTATCTTAAC ACAGTTTCTT GACAGCAGCT CTGGAACTTA5340
GTATTTCTGC CCCGAGTTTT GCCACACTGA GACTTTGAGT AGCTCCTGGT GGACTCAACC5400
CTGTTCAACT CAGAGACGGG CCTCCTCTCA CTGATGCAAA GCTTTAAGGC TTCTCTGACT5460
GTTCTGAAAC TCTTCGTATT CTTGTCAAGT CTAAAGAGAC TGAAGAAAAG ATTTAAATAC5520
TAATAAAAAT CAGTAGATAA TTTCTGTAGG TTCTGCTGGA GGAATACAAA CTGTTTGGTG5580
TTTTAAATTT AAGTGTAGAA ATTGTAGAAT GTGGAATTAG CACAGATCCT TCCTGGCTTT5640
CTGTTTCACT TGATCATTTA GCCCAGACCA CCCAGGATGT TTTCCAAAAT GTTCCACAGG5700
CGTGTCCCGC TGGATCCATT TGTCCTTGTC ACTTGGAGAA AGGCCAGTCC CTGTGACGGG5760
GCAGCCCTCT CTGTCCCTCG GTCAGCTCGT GTGAATCCTG GGACCTCTTC CGGTCGGCTC5820
TGCCCGCTGT TCTGGGGTCG ACTGCCACGA CTTTTGATTC AAGAAGCTTC CTCCAGGCGG5880
GAGCGGCTAT TTTTCCTAAA TGAGAATTGT TACATTGCAA ATTGTTGAAT AAAATATTTT5940
GCGCTCCTTC AAGCAC 5956

Name: 314 Len: 4073 Check: 1DED

GCTGGGCAGT GCCCATGCTG GGATGTGCTG CTGCTGTGGC TGCTGCCCGC TGCTGGCCCA 60
CCTAGAGCAG GGGTCACTTC GAGAGAGGAC CCGGGAAAAG GAGAAGATGA AGGAAGCCAA 120
GGATGCCCGC TATACCAATG GGCACCTCTT CACCACCATT TCAGTTTCAG GCATGACCAT 180
GTGCTATGCC TGTAACAAGA GCATCACAGC CAAGGAAGCC CTCATCTGCC CAACCTGCAA 240
TGTGACTATC CACAACCGCT GTAAAGACAC CCTCGCCAAC TGTACCAAGG TCAAGCAGAA 300
GCAACAGAAA GCGGCCCTGC TGAAGAACAA CACCGCCTTG CAGTCCGTTT CTCTTCGAAG 360
TAAGACAACC ATCCGGGAGC GGCCAAGCTC GGCCATCTAC CCCTCCGACA GCTTCCGGCA 420
GTCCCTCCTG GGCTCCCGCC GTGGCCGCTC CTCCTTGTCT TTAGCCAAGA GTGTTTCTAC 480
CACCAACATT GCTGGACATT TCAATGATGA GTCTCCCCTG GGGCTGCGCC GGATCCTCTC 540
ACAGTCCACA GACTCCCTCA ACATGCGGAA CCGAACCCTA TCCGTGGAAT CCCTCATTGA 600
CGAAGCAGAG GTAATCTACA GTGAGCTGAT GAGTGACTTT GAGATGGATG AGAAGGACTT 660
TGCAGCTGAC TCTTGGAGTC TTGCTGTGGA CAGCAGCTTC CTGCAGCAGC ATAAAAAGGA 720
GGTGATGAAG CAGCAAGATG TCATCTATGA GCTAATCCAG ACAGAGCTGC ACCATGTGAG 780
GACACTGAAG ATCATGACCC GCCTCTTCCG CACGGGGATG CTGGAAGAGC TACACTTGGA 840
GCCAGGAGTG GTCCAGGGCC TGTTCCCCTG CGTGGACGAG CTCAGTGACA TCCATACACG 900
CTTCCTCAGC CAGCTATTAG AACGCCGACG CCAGGCCCTG TGCCCTGGCA GCACCCGGAA 960
CTTTGTCATC CATCGCTTGG GTGATCTGCT CATCAGCCAG TTCTCAGGTC CTAGTGCGGA1020
GCAGATGTGT AAGACCTACT CGGAGTTCTG CAGCCGCCAC AGCAAGGCCT TAAAGCTCTA1080
TAAGGAGCTG TACGCCCGAG ACAAACGCTT CCAGCAATTC ATCCGGAAAG TGACCCGCCC1140
CGCCGTGCTC AAGCGGCACG GGGTACAGGA GTGCATCCTG CTGGTGACTC AGCGCATCAC1200
CAAGTACCCG TTACTCATCA GCCGCATCCT GCAGCATTCC CACGGGATCG AGGAGGAGCG1260
CCAGGACCTG ACCACAGCAC TGGGGCTAGT GAAGGAGCTG CTGTCCAATG TGGACGAGGG1320
TATTTATCAG CTGGAGAAAG GGGCCCGTCT GCAGGAGATC TACAACCGCA TGGACCCTCG1380
GGCCCAAACC CCAGTGCCTG GCAAGGGCCC CTTTGGCCGA GAGGAACTTC TGAGGCGCAA1440
ACTCATCCAC GATGGCTGCC TGCTCTGGAA GACAGCGACG GGGCGCTTCA AAGATGTGTT1500
AGTGCTGCTG ATGACAGATG TACTGGTGTT TCTCCAGGAA AAGGACCAGA AGTACATCTT1560
TCCTACCCTG GACAAGCCTT CAGTGGTATC GCTGCAGAAT CTAATCGTAC GAGACATTGC1620
CAACCAGGAG AAAGGGATGT TTCTGATCAG CGCAGCCCCA CCTGAGATGT ACGAGGTGCA1680
CACAGCATCC CGGGATGACC GGAGCACCTG GATCCGGGTC ATTCAGCAGA GCGTGCGCAC1740
ATGCCCATCC AGGGAGGACT TCCCCCTGAT TGAGACAGAG GATGAGGCTT ACCTGCGGCG1800
AATTAAGATG GAGTTGCAGC AGAAGGACCG GGCACTGGTG GAGCTGCTGC GAGAGAAGGT1860
CGGGCTGTTT GCTGAGATGA CCCATTTCCA GGCCGAAGAG GATGGTGGCA GTGGGATGGC1920
CCTGCCCACC CTGCCCAGGG GCCTTTTCCG CTCTGAGTCC CTTGAGTCCC CTCGTGGCGA1980
GCGGCTGCTG CAGGATGCCA TCCGTGAGGT GGAGGGTCTG AAAGACCTGC TGGTGGGGCC2040
AGGAGTGGAA CTGCTCTTGA CACCCCGAGA GCCAGCCCTG CCCTTGGAAC CAGACAGCGG2100
TGGTAACACG AGTCCTGGGG TCACTGCCAA TGGTGAGGCC AGAACCTTCA ATGGCTCCAT2160
TGAACTCTGC AGAGCTGACT CAGACTCTAG CCAGAGGGAT CGAAATGGAA ATCAGCTGAG2220

210

```
ATCACCGCAA GAGGAGGCGT TACAGCGATT GGTCAATCTC TATGGACTTC TACATGGCCT2280
ACAGGCAGCT GTGGCCCAGC AGGACACTCT GATGGAAGCC CGGTTCCCTG AGGGCCCTGA2340
GCGGCGGGAG AAGCTGTGCC GAGCCAACTC TCGGGATGGG GAGGCTGGCA GGGCTGGGGC2400
TGCCCCTGTG GCCCCTGAAA AGCAGGCCAC GGAACTGGCA TTACTGCAGC GGCAACATGC2460
GCTGCTGCAG GAGGAGCTAC GGCGCTGCCG GCGGCTAGGT GAAGAACGGG CAACCGAAGC2520
TGGCAGCCTG GAGGCCCGGC TCCGGGAGAG TGAGCAGGCC CGGGCACTGC TGGAGCGTGA2580
GGCCGAAGAG GCTCGAAGGC AGCTGGCCGC CCTGGGCCAG ACCGAGCCAC TCCCAGCTGA2640
GGCCCCCTGG GCCCGCAGAC CTGTGGATCC TCGGCGGCGC AGCCTCCCCG CAGGCGATGC2700
CCTGTACTTG AGTTTCAACC CCCCACAGCC CAGCCGAGGC ACTGACCGCC TGGATCTACC2760
TGTCACTACT CGCTCTGTCC ATCGAAACTT TGAGGACCGA GAGAGGCAGG AACTGGGGAG2820
CCCCGAAGAG CGGCTGCAAG ACAGCAGTGA CCCTGACACT GGCAGCGAGG AGGAAGGTAG2880
CAGCCGTCTG TCTCCGCCCC ACAGTCCACG AGACTTTACC AGAATGCAGG ACATCCCGGA2940
GGAGACGGAG AGCCGCGACG GGGAGGCTGT AGCCTCCGAG AGCTAAGGGG GCCCCTCCCC3000
CCTGCCCCGT GCCCCACTGA AGAACATTAC TGAGGGGGCT AACCTTGGGG ACTCCAATTT3060
GCCAATGATG AGGGAACATT TGAAAGAACT GCAAATTGTC CTTGCCAGCT CTTGGGATCC3120
TTGGATACCT GGGGCCATTT AAGAAGCTAG GGGAATTAGG CCACAACACC CCCTGGGACA3180
TCCGAAAGCT ACACCACAGA TGCCAGTGGT TCATGCCTTC TTCCCGCAAC TTTAGGAAAA3240
TTTATTTATT TATTGTTTAT TAGTTATGGG GGGAGAGGGG AGATTTAAAG GACCAGGGAC3300
ATGGGAACCA AGCCATAGGG ATCAGAGGGC CTTGTCCTTG AACACTACTG GGGTATATTC3360
AGGCTCATCC ACGCAGCTGC TGGGTTCTTG CCCTAACGGC CCTCCCCTGC AACATCCGTC3420
TTGGAGGAGA GGCTGCAGCC ACAGCACCCT ACTGCCCTTT AAATAAAGGA GGGCTGTGGG3480
CAGGGCCATG TCCCTTTCTC CTCTCCCCTC AACCTCTTAC TGCTGTTCTC CCTTTCTCCG3540
TCCTTCATGG AAGCCCTGGG AGATAACCTG GCTTCCTGGA GTTGATGGAA TAAAGGTTGG3600
GGTGGCCATA ATGGTTTGTT GGGGGTGAGG GAAAAAACCC ACAGGGACCA GAATGTTTTG3660
TTGTTCTTTT GTTTTCTTTT TTGTACCAAA GTCAACTGCA CGTGTTTTAT ATTTTTAAGA3720
GATCGTAGGC AATTAGAGAT CGAAGCCTCC TATCTCCACA TCTCTGAAGA AGTTGAGGGG3780
TGGGGGAGAG AATGACTTCT GCCTTCATCT GCAGTAACGG GGGGACCTAT ACTGACCTCT3840
TCCCCAGCCA TTTAGAAACA AGTTCTAGGG TGGGTTGGAA AATCTCCAAG AGCCCTGACC3900
TCATCTTCCA CCTCAGCAAC CATGACCTGA AACCTCAGCG TGAATTTGGG GGATTTTTCA3960
GTGGAACCCT TGCCCCCAAA TGTCGACCAG CCCCCAAATG TCGAAGAATT TTCTTCTTGC4020
CAATTTTGTT GTTTAAAAAA AAAATTCAGG GAAAATTAAA AACCTGGAAC TCC      4073
                    Len:  6948  Check:     E69
Name: 315
GGGGCTGAAA GACACACAGA AGTCTTCATG GATATAGTTG ATACATTTAA TCATTTAATT  60
CCTACTGAAC ACTTAGATGA TGCCCTATTT CTAGGATCCA ACCTGGAGAA TGAAGTCTGT 120
GAGGATTTTA GTGCAAGTCA AAATGTCTTA GAGGACTCGC TGAAGAACAT GCTCAGCGAT 180
AAGGATCCTA TGCTAGGATC TGCAAGTAAC CAGTTCTGTT TGCCTGTTTT GGATAGCAAT 240
GATCCCAATT TCCAGATGCC TTGTTCAACA GTTGTTGGTC TTGACGATAT TATGGATGAA 300
GGAGTTGTTA AAGAAAGTGG CAATGATACC ATTGATGAAG AAGAACTGAT TTTACCTAAC 360
AGGAACTTAA GGGACAAGGT AGAAGAAAAT TCAGTGAGAT CTCCAAGAAA ATCACCTCGT 420
TTAATGGCAC AAGAACAAGT AAGAAGTTTG CGACAGAGCA CTATTGCCAA GCGTTCAAAT 480
GCAGCACCAT TAAGTAACAC AAAAAAAGCA TCTGGGAAGA CTGTATCTAC TGCTAAAGCA 540
GGAGTGAAAC AACCAGAAAG GAGTCAGGTT AAAGAAGAAG TATGTATGTC ACTGAAACCT 600
GAGTACCATA AGGAGAATAG AAGGTGCAGC CGAAATAGCG GACAAATTGA AGTGGTACCT 660
GAAGTATCAG TGTCTTCAAG TCATTCTTCA GTGTCATCTT GTCTTGAAAT GAAGGATGAA 720
GATGGATTAG ATTCTAAGCA TAAGTGTAAT AATCCGGGAG AAATAGATGT GCCATCTCAT 780
GAATTAAATT GTTCACTTCT TTCAGAGACT TGTGTTACTA TTGGAGAAAA GAAAAATGAA 840
GCTTTGATGG AATGTAAAGC CAAGCCTGTT GGTAGTCCAT TGTTTAAGTT TTCAGATAAA 900
GAAGAACATG AACAAAATGA TTCCATTTCA GGTAAAACGG GTGAGACTGT TGTTGAAGAA 960
ATGATAGCAA CAAGAAAAGT TGAACAAGAT TCAAAGGAGA CAGTAAAATT ATCCCATGAA1020
GATGACCATA TTCTTGAGGA CGCTGGATCT TCTGATATTT CTAGTGATGC TGCTTGTACA1080
AATCCAAATA AGACAGAAAA CAGCCTTGTA GGTTTGCCTA GTTGTGTAGA TGAAGTGACT1140
GAATGTAATT TGGAATTGAA GGATACCATG GGTATTGCTG ATAAAACTGA GAACACCCTT1200
GAAAGAAATA AAATTGAACC GTTGGGTTAT TGTGAAGATG CGGAGTCTAA TAGGCAGTTG1260
GAGAGCACTG AGTTTAATAA ATCAAACTTA GAGGTGGTTG ATACTAGTAC TTTTGGACCG1320
GAAAGTAATA TCTTGGAAAA TGCTATTTGT GATGTGCCTG ACCAAAATTC AAAACAGTTG1380
AATGCTATAG AAAGTACTAA AATAGAGTCC CATGAAACAG CAAACCTTCA GGATGACAGA1440
AACAGCCAGT CAAGTAGCGT TTCTTACTTA GAGTCAAAAA GTGTAAAATC CAAACATACA1500
AAACCTGTAA TTCATTCTAA GCAAAACATG ACCACAGATG CTCCGAAGAA AATTGTTGCA1560
GCAAAGTATG AAGTAATACA TAGCAAAACT AAAGTTAATG TCAAAAGTGT GAAACGAAAT1620
ACTGATGTAC CAGAATCTCA GCAAAATTTT CATAGGCCAG TCAAAGTCAG AAAAAAACAA1680
ATTGATAAGG AGCCAAAGAT TCAGAGTTGC AATTCTGGGG TTAAATCTGT GAAAAACCAA1740
GCTCATTCTG TACTGAAAAA AACATTACAG GATCAAACTT TAGTACAAAT TTTCAAGCCC1800
TTAACTCATT CTTTGAGTGA TAAGTCACAC GCTCATCCTG GTTGCTTGAA AGAACCTCAT1860
```

2/11

CATCCTGCAC AAACTGGACA TGTATCACAT TCTAGCCAGA AACAGTGTCA TAAGCCTCAG1920
CAACAGGCCC CAGCAATGAA AACCAATAGT CACGTGAAGG AAGAGCTTGA ACACCCAGGC1980
GTTGAGCATT TTAAGGAAGA GGATAAACTG AAACTGAAAA AACCTGAGAA GAACCTACAA2040
CCCCGCCAAA GAAGAAGCAG CAAAAGTTTT TCTTTAGATG AGCCACCATT GTTCATTCCA2100
GATAACATAG CTACCATAAG AAGAGAAGGC TCTGATCATA GCTCCTCATT TGAAAGCAAA2160
TATATGTGGA CTCCCAGCAA GCAGTGTGGG TTTTGCAAAA AACCACATGG CAACAGGTTT2220
ATGGTTGGCT GTGGGAGATG TGATGACTGG TTTCATGGTG ATTGTGTTGG GTTAAGTCTT2280
TCTCAAGCAC AGCAGATGGG CGAGGAAGAC AAAGAATATG TCTGTGTAAA ATGTTGTGCT2340
GAAGAAGACA AAAAGACTGA AATACTAGAT CCAGATACTT TGGAAAACCA AGCTACAGTT2400
GAATTCCATA GTGGAGATAA AACAATGGAG TGTGAAAAGC TTGGATTATC AAAACACACA2460
ACAAATGATA GAACCAAATA TATAGATGAT ACAGTGAAGC ACAAGGTCAA AATTTTAAAA2520
CGGGAGTCTG GTGAAGGCAG AAATTCATCA GACTGTAGAG ATAATGAAAT TAAAAAATGG2580
CAGCTAGCTC CTCTTCGTAA GATGGGACAA CCAGTTTTAC CTCGGAGATC CTCAGAAGAA2640
AAAAGTGAAA AAATACCGAA AGAGTCTACA ACTGTTACTT GCACAGGAGA AAAAGCTTCA2700
AAACCAGGTA CTCATGAGAA GCAAGAGATG AAAAAGAAGA AAGTTGAAAA AGGAGTGCTT2760
AATGTACATC CTGCTGCTTC TGCTTCCAAG CCTTCTGCAG ATCAGATCAG GCAAAGTGTC2820
AGACATTCTC TCAAAGACAT TCTTATGAAG AGACTTACAG ACTCAAATTT GAAGGTACCA2880
GAGGAAAAGG CAGCAAAAGT TGCCACAAAA ATTGAGAAAG AGCTTTTCTC TTTTTTTCGG2940
GACACAGATG CTAAATATAA GAACAAATAT AGAAGTTTGA TGTTTAATTT GAAAGATCCT3000
AAAAACAATA TATTATTTAA AAAAGTACTG AAAGGAGAAG TAACTCCTGA TCATCTTATC3060
AGAATGAGTC CAGAAGAACT AGCTTCTAAA GAGTTAGCTG CTTGGAGACG AAGAGAAAAC3120
AGACATACCA TAGAAATGAT TGAGAAAGAG CAGAGAGAAG TGGAACGACG GCCAATCACC3180
AAAATAACTC ATAAAGGTGA AATAGAAATT GAGAGTGATG CCCCAATGAA AGAACAGGAA3240
GCAGCCATGG AGATTCAGGA ACCAGCCGCC AATAAGTCAT TGGAGAAGCC AGAAGGATCT3300
GAAAAACAAA AAGAGGAGGT TGACTCTATG TCTAAAGATA CCACTAGTCA ACACAGACAG3360
CATCTTTTTG ATCTCAACTG CAAAATCTGC ATAGGTCGAA TGGCACCACC TGTAGATGAT3420
CTTTCTCCAA AAAAAGTAAA AGTTGTTGTA GGAGTAGCTC GCAAACATTC AGACAATGAA3480
GCAGAAAGTA TAGCAGATGC ATTATCTTCA ACCTCAAATA TTTTGGCTTC TGAATTCTTT3540
GAGGAGGAGA AACAGGAGTC TCCAAAGTCA ACGTTCTCTC CTGCTCCACG TCCAGAGATG3600
CCTGGAACTG TTGAAGTTGA GTCTACCTTT CTGGCTCGAT TGAACTTCAT CTGGAAAGGT3660
TTTATCAACA TGCCTTCTGT GGCAAAATTT GTTACCAAAG CCTATCCAGT ATCTGGCTCC3720
CCAGAATACC TGACAGAGGA CCTACCAGAT AGTATTCAAG TAGGTGGCAG GATATCACCT3780
CAGACAGTTT GGGATTATGT GGAAAAAATA AAAGCATCAG GAACCAAGGA AATTTGTGTG3840
GTTCGCTTCA CACCAGTAAC TGAAGAAGAT CAAATTTCTT ATACTTTGCT CTTTGCATAC3900
TTCAGTAGCA GAAAGCGCTA TGGAGTAGCT GCTAACAACA TGAAGCAGGT TAAAGATATG3960
TACCTTATTC CTTTGGGTGC CACAGATAAA ATTCCACACC CTCTTGTGCC TTTTGATGGA4020
CCTGGGCTTG AACTGCATAG ACCTAATCTA TTGTTGGGCT TAATTATTCG TCAGAAACTG4080
AAGCGACAGC ACAGTGCCTG TGCTAGTACT AGTCATATAG CTGAGACTCC TGAAAGTGCA4140
CCACCAATAG CATTGCCACC TGATAAAAAA AGTAAAATAG AAGTTTCTAC AGAAGAAGCA4200
CCAGAGGAAG AAAATGACTT TTTTAATTCT TTTACAACTG TATTACACAA GCAGAGAAAT4260
AAACCTCAGC AGAATCTTCA GGAAGACCTT CCAACAGCAG TTGAACCTTT AATGGAAGTC4320
ACCAAACAGG AGCCACCAAA ACCTTTAAGA TTTCTTCCTG GCGTGTTGAT TGGCTGGGAG4380
AATCAACCTA CTACTCTGGA ATTAGCAAAT AAACCTCTTC CTGTGGATGA TATACTTCAA4440
AGCCTTTTGG GCACCACTGG TCAAGTATAT GACCAGGCCC AGTCAGTGAT GGAACAAAAC4500
ACTGTTAAAG AAATTCCATT TTTAAATGAG CAGACCAACT CAAAAATAGA GAAAACAGAT4560
AATGTGGAAG TAACTGATGG TGAAAACAAG GAGATAAAAG TTAAAGTAGA TAATATTTCA4620
GAATCTACAG ATAAGTCAGC AGAAATAGAA ACATCAGTAG TAGGGTCCTC TTCCATTTCT4680
GCAGGGTCTT TGACGAGTCT TAGTCTCAGA GGTAAGCCAC CAGATGTTTC TACAGAAGCA4740
TTTTTAACAA ATTTATCAAT TCAGTCAAAA CAAGAGGAAA CTGTGGAGAG TAAAGAGAAA4800
ACATTAAAAA GACAGCTTCA GGAAGATCAA GAGAATAATT TGCAAGATAA CCAGACTTCA4860
AATAGTTCTC CATGCAGATC TAATGTAGGA AAAGGAAACA TAGATGGTAA TGTGAGCTGT4920
AGTGAAAACC TTGTTGCTAA TACAGCGAGG TCTCCACAGT TTATCAACCT GAAAAGGGAT4980
CCTAGGCAAG CAGCAGGACG AAGTCAGCCT GTAACTACTT CAGAAAGCAA AGATGGAGAT5040
AGTTGCCGGA ATGGAGAAAA ACACATGCTG CCTGGCCTGT CACACAACAA GGAGCACTTA5100
ACAGAACAAA TCAATGTAGA GGAAAAGTTG TGTTCTGCAG AGAAAAACTC GTGTGTTCAG5160
CAGAGTGACA ATTTAAAAGT TGCACAAAAC TCACCATCAG TAGAAAACAT ACAGACTTCT5220
CAAGCAGAAC AAGCAAAACC CTTACAGGAG GATATTTTAA TGCAAAATAT TGAAACTGTG5280
CACCCATTTC GAAGAGGATC AGCAGTAGCG ACATCTCATT TTGAAGTTGG AAACACATGT5340
CCATCAGAAT TTCCTTCTAA AAGCATCACC TTTACTTCCA GAAGCACCAG CCCCAGAACA5400
AGTACAAACT TTTCACCCAT GAGGCCACAG CAGCCCAACC TTCAGCATCT CAAGTCTAGC5460
CCACCTGGAT TTCCATTTCC AGGGCCTCCT AATTTTCCCC CACAAAGCAT GTTTGGATTT5520
CCACCACATT TGCCACCTCC ATTACTTCCC CCTCCAGGCT TTGGCTTTGC TCAAAATCCC5580
ATGGTTCCCT GGCCACCTGT TGTTCATCTC CCAGGTCAGC CACAGCGTAT GATGGGTCCT5640

2-12

CTCTCACAAG CATCAAGGTA TATAGGCCCG CAGAATTTTT ACCAGGTTAA AGACATTCGG5700
AGGCCAGAAA GGCGCCATAG TGACCCTTGG GGTAGGCAAG ACCAACAGCA ACTGGATAGG5760
CCATTTAATA GGGGTAAAGG GGACCGCCAG AGATTTTATA GTGATTCACA CCATTTGAAA5820
AGAGAGCGAC ATGAAAAGGA ATGGGAGCAA GAATCTGAAA GGCATAGACG CAGAGACAGA5880
AGCCAAGACA AGGACAGAGA CAGAAAAAGC AGGGAGGAAG GGCACAAAGA TAAAGAGAGG5940
GCACGGTTAT CACATGGTGA TCGAGGAACA GATGGAAAAG CAAGCAGAGA TAGTAGGAAT6000
GTAGACAAGA AGCCAGATAA ACCTAAAAGT GAAGACTATG AGAAGGACAA AGAACGAGAG6060
AAAAGTAAAC ACAGAGAAGG AGAAAAGGAC AGGGATAGGT ACCACAAAGA TAGGGACCAC6120
ACTGACAGAA CTAAAAGCAA AAGGTAAAAT TTGCAGGCTG CTTCAGGATT ACATTTAAAT6180
AACTGTTAAA ATGTTGTATC TTGTAAACAA AAGAAAGATT GCCTGCTAGG ATTGTGCCAT6240
CTTTAAAATT TTTACTATTG GTCATTTGCA GAACAGTAAA TTCTGTGTGT TGGTACAGAG6300
TGCTCTGTAC CAGTGCTCAT CATCCCTTCT TCATACCAAC GGTCCCTAGT TATAGGAATT6360
TAATATTTTT AAAAGTTTTA CATTGCTGTA TATTCAAAGA TTTGTTTTAT TAATATGCAA6420
TAAAGGCTTA GAAATTTTAG TTTTATTCCT TAATTGGTAA ATATGGTTAA CTATGGAATA6480
TATTTACTTC CTCTAGTGAA TGTCCTTTAT ATAATGACTA ATTTGGGAGT AATGTGTGCT6540
CTGTAAGTTT GTTTTAAATT GCACTGTTTT TAAAGAAACT GTAGAGGAGC AACAAAAATC6600
CAAGCAACTT CATAATCAGA TTATGCTAAT CATTTAGTTG AGCAGTTTTT GACCAAGAAT6660
CAGAAGCCCA AGGGGTACAT TTATTGCTTT AATCTGCACT CATTGAAGTC ATTTATTACC6720
ATATACTACA GCTTTGTGGT AGGCCATTAT TTTCATTTTC ATTTTTGGCT CTTCAGAAAC6780
TTGAATACTT AAGCTTGTAC ATGATCTTGT GTTTTGCTAT CCTTTTTACT GTAAAATGTA6840
AATATTTTAA GGGATATTTT GATTCTAAAT ATGATAAAAT AATTTCTCAC CTATTTTGTG6900
TGTGTGACTT GAAATTCAGT AGTAAAAGAA TTTCTTCTTT AAAGCTTT 6948

Name: 316 Len: 8213 Check: 1F22

CCCCCAGCAG AAGGGCGCGA CGGCTGCAAC ATCAGCGGTT AAATTGTACA GCCTTTCATA 60
GGCCGGTTCA ATGCATCCGT ACTAAGATTG TTAAGGCTGA GGGTCCCTAG CCTGGGGAAA 120
AACGAAAGGA GGCAGAGGGT AGGGAGACGG GAAGGAAGAC AAGGAGGGTG TAGAAAACGG 180
GGAGAGGAGG GGGCGGGACA GCATGGGGAA GGCCTCAGGT TTACTGGAGA GATCGTGGCG 240
TTCCCATAGA AACGTATCCC TCCGCCCATG ACCCGCGTGT TAGTCTCTTC AGTTCCTTCC 300
GCGTCGTTTC TTGGCTGTTT CCGCCCAGCT CCTTTGTGCC GCGCAGAACA ACGAGATGAC 360
GCATGCGCAA AGCGCAGCGG CCGCATATAT AAACGCGAAC CCGGGCTCTT CCTCGTAGTG 420
CCGCCGGGAC TCTTGGCGGG TGAAGGTGTG TGTCAGCTTT TGCGTCACTC GAGCCCTGGG 480
CGCTGCTTGC TAAAGAGCCG AGCACGCGGG TCTGTCATCA TGTCGCGTTA CGGGCGGTAC 540
GGAGGAGGTA AGAAGCTGGA GTCCGGTGAG GGACGTTGGT GTGGGTGTAG TGAGCACTGC 600
GAGGCCGTAG GGTTGTCGCG GAGGTTGGGA GACGGTTATT CCGCGTGCGT AATGGCGGCT 660
TAGGAGCACG CCAGACGAAG CCGGAGGCAG CGGAGGCGGG GTGCTGAAGG GAGACGGGAT 720
GGCGGGTGTA CATCTCTGCC GAGTTCCGTA CTCTTGGGCA TTTTTGTGGC CCAATCCAGC 780
CTAAAGCAGG GTTGAGATGA CGGTTTTCGC GTTGCCTTTC TCGGAGCTGC CCGCCGGCCC 840
CCCTCCCCCC CCGCCCTCGG CCGGCGGCTG CCATTTTGCG CACATTGAGG ACCGTGGTGG 900
CGCATTTCCT CAGCGCTTTC CCGCCACTTC AGCGGACAGA TCTGGCCGCA GCTGTAAGAT 960
CGTGGTTGTG TTTGAGATAG AACGAAATTG GCAGCTGTGA GCTGCATGTT CTCGTCAAAC1020
AATCGGTTAA ATTGCGGAAT GGGAATGGGG ACGTAATCTG CGACTGGCGG CTGGGTTTTT1080
TTTTAGTTAT TTCCAGCGCG GTTTATGGCT CTGGGGCGGG GAGCTGGAGT CTTGGGCGAG1140
CCTGTGCCTG GGACGTTTGC CGCGGAGGAC GAGAGCCGGC GCAGCCCTGC TCTCCTGGCC1200
CGGCCCCTAC CGAGGCCCTC CCGCCGCCGA CGCGCTGCCG CTGCGGGCCC GCGCGCTCCC1260
GGTGCGCCCG GGGCTGCCGG GACTCATGGG TGGGGCCGGG CCAGGTCCCG CCCCACGCCT1320
CGGTGTATCC TACCACGCGT TTCTGCTTGT GTTCGGGGAGG GTCACCCCGC ATTATTTAGA1380
ACGTTAAGAA TTTTGTCAAA AGTCTAGTTT CTCGGGGATT TGCGGACTTC ACCAGTTTTA1440
CGACTAAGTT TTGTCTTGGA TAGAGGGCAT TAAATGTGCT TTACCCAATC TTGAGGATGG1500
CCCGTTTTAA GGCAAGTAAG TAATTGAAAC TTGGGCCAGA TTTTGCATAA CGTGCATTCT1560
TCTATTTGCG TTTTTAAACA GAAACCAAGG TGTATGTTGG TAACCTGGGA ACTGGCGCTG1620
GCAAAGGAGA GTTAGAAAGG GCTTTCAGTT ATTATGGTCC TTTAAGAACT GTATGGATTG1680
CGAGAAATCC TCCAGGATTT GCCTTTGTGG AATTCGAAGA TCCTAGAGAT GCAGAAGATG1740
CAGTACGAGG ACTGGATGGA AAGTAAGTAA GATGTTATGA ATCTTCTGTT CATTAAAATA1800
TACTGTGGCT AGATAATGAA CTTAGTGCTA AATTTGGATT CTGAAGTCTG GAAGAGACCT1860
TAAATAGCTG GTCATAGTGT TAAATGCTAA AGGCACACGA AGGTTAAAGA AGATAGCGGA1920
GATGGAGTTA GGGCTTGGTA AAGACCGCCA AAGTTTGTTG GGGGGGAAGG AGTGGTTGGA1980
AAGAGTGAGT GGTTGGAAAG AGTTCTTTTT AAATCTATAA GTCCTGAATA TATTTTTAAC2040
TTTAGAATTT TGTTAATTTG CTTTTATTAG GGTGATTTGT GGCTCCCGAG TGAGGGTTGA2100
ACTATCGACA GGCATGCCTC GGAGATCACG TTTTGATAGA CCACCTGCCC GACGTCCCTT2160
TGATCCAAAT GATAGATGCT ATGAGTGTGG CGAAAAGGGA CATTATGCTT ATGATTGTCA2220
TCGTTACAGC CGGCGAAGAA GAAGCAGGTA TTTATTTTAA TAAAGGAATG GTTGGTATTC2280
TAGTTAATCA AGTAATTCTT TTATTAGCAA GGCAGAAACT AGTGTTTTTC TATAAACTTG2340
AATGTTAATT GTACAGGTGT ATTTTACAAT TTGTGTTTAA TTAAAAAAAT GTTACTATAT2400

2-13

TAATAATCAA CCTGGTCAAA ACCTTTCAGG TTTCTTCGTT TGAGTCAGTC GCCTTGATTC2460
AGAATGTCAC GAGCCTTATG ATATCATGCT GAGGCGCCTT GCAAATCCGA CAATTAAGAT2520
CCTCCTAGAC CTTGAGGTGA TCAGCATAAG AGGCCAGATC CCCTCGAGTC ATCTACACCT2580
AGCTTCACCT TATTCTTTAA AGGGCAGAAA ATTTGAGACG GTGATCGCCG TAACAGTAAA2640
TTTGGCTTAC AATTGGGGCC CCCCTCCGGT TTAGAAAGAG GAACACCAGA TTGACCACAT2700
TCCCAACTAG AAAAATCTTC TTGCGTCAAT CAAGCCTCAC CTGGCTCATT TGGCTGTCAG2760
TTTGATCGTC GTTAGATTGA AGAAAACATC TAGATGCAGC GATCGGCTAT AGATACTTCT2820
AGATCGTCTA GATCTACTAG ACCATGGGCC AAAGAGGGTC GACCTGCAAA CTTGCAAGGT2880
TTATGTTAAA TACACATTAC AGTGTTTTAT ATTATGTAAT GCTAAGTTGT AATTCAGCTT2940
TTAACAAATC TTTTTTTAGG TAGTAAAAAA AAAAATACTC AACAACTAAT AGGCCCAGAG3000
TTTATTTCCA AATGAGACAC TAAATTTAAA TAGTTTTGAG ATTTGATTTC AGCAGAGGCA3060
CACAAACTCT TAAAAACGAG TTATTGTCTG ACATTTTGTT TTTTCTCTAA CTTGAAAAAT3120
AGGTCACGGT CTAGATCACA TTCTCGATCC AGAGGAAGGC GATACTCTCG CTCACGCAGC3180
AGGAGCAGGG GACGAAGGTG AGATCTTGTT TAACTGAAGT CTTTCTGTAT TATTATTAAA3240
TTCACTGGTA GTCCAACACA GAAAAAGCTC ATTATTTTTT TTGGAGACAG GGTCTTGCTC3300
TGTCACCCGG GCTGGAGTAC AGGGGCATAA CCACGACTCA CTGCTGCCTT GATGATCTCT3360
TGGGTTTAAG CAGTTCTCCT ACCTCAGCCT CCCGAGTAGC TGGGACTGTA GGCACTGCCA3420
CCATACCCAG CTAATTTTTA TTTTTGTAGA AATGGTCTTG CACTGTTTCC CAGGCTGGTC3480
TCAAGCTCCT GGGCTCAAAC GATCCTCCCG CAGTGCTGGG ATTATGGGCA TGAGCCACTG3540
CACCGTTCCC CAGTTGAAGT CTTAACAGGC CAAAAAAAAA AAAAACTGTG GAGATGGACT3600
TAAAGTTCTT TATTTTAGGT CAAGGTCAGC ATCTCCTCGA CGATCAAGAT CTATCTCTCT3660
TCGTAGATCA AGATCAGCTT CACTCAGAAG ATCTAGGTCT GGTTCTATAA AAGGATCGAG3720
GTATTTCCAG TATGTAACAC TTTTTTTCCT TACTTGTGTT TGGATTGTTC ACATCTTATC3780
AGTAGAGTGT CTTAAGGACA TAATTCAAAT GGATTGCTTC AGGGAATATT TGAGATGTAA3840
AAGTTTGGAA TTTATGTGTA ACTTGTAACA TAAATATTAC CCTAGTTTCA CAGATGAAGA3900
AAAGGGCTAC TAGAGATTTT AAGGCTTGTT AGGCCGTGTG GTAGACAAGG GTCCCAAGCA3960
ATACAGCTCT ACTCAACACT CTGGGTAGGC ATGTTGCTAT AAACTTTTCT GGCTTCAGAT4020
TGGATGATAC TAGCTCTGAA AGATGGTAAT TGATTTTCCC GACAAAAAGG CCTATTAGCA4080
CCAGGAAAAG AGATCAGAAG CAAGTAGAAA CATTTCTCAT TTTTGGAATG ATGGGGTTGA4140
TTTGAGACAC TGGAAAGTTG ACTAGGGCAG TAGTGTGTAC ACAGAAATGA ATGTGGATTT4200
TTTTTTTAGA CCGTTTCAGA CCTGAAAAAA CTAAAGAACC AGAGCTTTAC TATTTGTAGA4260
AGGCCTTAAA AGGAGATAGA ATGGAAAAAA TTGTAAAATA AGTATTGCAA CATGTAATTA4320
ACAATATTGT TATCTGTACC AACGATAAAA CCGTGGTACG GAATGCTACT GGGAGTTAAA4380
TTGCTGTTTA ATAGCACAAA ACCTTTAAAT GCAGGAATTC TGAATCTTGT GGTCTATTTG4440
AGAAAGCTAT GAACCATCTC TTTAGATAAA TTTAAAAGAT AGATATGTCA GTCTGATTTG4500
GTTTGTCTGA CAGATTGATG GCTCTCAAAC ATAACTTGAT CCGGGAAGAA GCCTGACAAA4560
TGGGGGGCGG CTTTCTTTTC GTCTGGCCTT ATCACCTGAA TTAGTCTCAG TTCAGGGGTC4620
TGGTTATTTT CATCCTGCCT TAGCCTCCTG AGTAGCTGGG ACTGCCATTG TGTACCACAG4680
TGCCCAGCTG AGGGATCTGT GCCTTAAGTG AGGTTAGTTT TGCTTCCTTC ATACCAGTCT4740
CATCAAATGA AAACCATGTA TTTCCCTTGG ATATTACACA GTGTTTGAGA ATGTTATACC4800
TGTACAGAAA CTAACCAATT GAGTGATAGA AACAAGTAAT TGAAATGGGG GTTCCTTATG4860
TCTGGTAACA CTTTGTTTGA CAGTGTGTTA GACAGAATAA GGCAAGTGTT GCATCTTGTT4920
TAGTTTTAGC TTCTTTATGC CTGACCAACC TAATACAGTG TTGAGTAGTT AAGGAAATTC4980
CTTTGGACTG ATTGATATAA TTGTGTTTTT TCACTTTTTT TATTAAGATC CCCGTCGAGG5040
TCAAGATCAA GATCCAGGTC TATTTCACGA CCAAGAAGCA GGTAGGGTAA AAATTTGATT5100
ATCCTTTTCT AGTTATATGG CACCAATATC CAAAGAGTTC AAAGTGTTTT TAATTGTTGA5160
AATTTTAAGT GTTAACTCTA AACTTAGGTT TTAGTGGGAA CACAGTACCT TATTTGTGTA5220
TGTCCTATTT ATTACTGGCT GACTTTCCCT GAACAAGGGA ATGTAAAACT ATAGTGAGAA5280
AGAAGCTTAT GACTTGGGGG ATTATATTAA AGAGGCCCTT GTTAGAACTG ATAGGTGCAT5340
GGAGAAGCAT CCTGAAATCG ATGTGCTTAA AGCAGAATGT AAAAGATTAA TCATGATGTA5400
GTAATTGAGT CATTTTTTGA AAAACAGTTG TTGAAAGATT GGCTTTTGTT AGCAACAACT5460
GGTAGGATGT TTTTCAGTTT AAGTGCAGTC TGACATTTTA AGCTTAGGAC ATTTGGGGGT5520
TTTACGGTAT TGGTGACTAC AAGAAAGGGA TTGGTTAGTA CTCTTTCTTT AATAGAATTT5580
CTCATGTTTT GACAGCCGAT CAAAGTCCAG ATCTCCATCT CCAAAAAGAA GGTAAGCTAA5640
ATGTTTTGTT GCCAAATCTT GCCTGTCAAG TGTGGCCTCT GCAGAATTTG TTTGCTTACT5700
GCTTTGCAGT CTTTGAGCTC TTTGGAGAAT TGGTGCTATA TAGATTAAAA TACTATGCTA5760
AGTTTCTGAA ATACTTTTTT TTTTTGATTC AGTAACATTA GTTTATACTT TTGCTGGAAA5820
TACTTAGTCA TAAAATGTTA GGGTGATTAT TAAGATGTGA TTGGTCCTGT GAGTACTTGG5880
TAGAAATTTT GGTAAGATAG ATGCCTTTTC CCCACATGTA CAATAGATAC AAAGTGTGGA5940
GAAAAGTCTT GGAAATAGTT ACCTGCCTAG TGCTTCTTTA TGACCAGAAA ACTTCAAATA6000
GTTGTCATAT TTATCTAGTG CTTCTTAATG ACCAGAAGAC TTCAAATAGT TGTCATATTT6060
AACTGCAGGT TGACCTTGCA ATTTTGACAA GGAGGATAGC CTAATTTTTT TTTTTTTCTG6120
GGATGGAGTT TTCGCTCTGT CCCCAGGCTT GGAGTGCAGT GGCTCAATCT TGGCTCACTG6180

2-14

```
CAGCCTCCGA TTCCCGGGTT CAAGCAATTA TCCTGTCTCA GCCTCTTGAG CAGTTGGGAT6240
TACAGGCACC CACCGCCAAG CCTGGCTAAT TTTTTGTATT TCTAGTAGAG ACGGAGTTTC6300
ACCATGTTGG CGAGGTTGGT CTTAAACTCC TGATCTTAGG TGATCACCTG CCTCGGCCTC6360
TCCCAAAGTG CTGGGGTTAC AGGCGTGAGC CACCGTGCCT GGCCAGGGTA GCCTAATCTT6420
AAGCCAGGGA CAAAAGATGA ATATATGTAA GTTTCATGTC ATTTTTAGGT CTTTGCTATA6480
GGAAATTAGT ACCTTAGGCC ACCTTTGAAG TTATTGAAAG TTAGTACATG TACATGAGAG6540
TTTCAATTGA CACTAATTGG ATCCAAACCT AATGTTTTTC TTTTTAGTCG TTCCCCATCA6600
GGAAGTCCTC GCAGAAGTGC AAGTCCTGAA AGAATGGACT GAAGCTCTCA AGTTCACCCT6660
TTAGGGAAAA GTTATTTTGT TTACATTATT ATAAGGGATT TGTGATGTCT GTAAAGTGTA6720
ACCTAGGAAA GATAATTCAA CCATCTAATC AAAATGGATC TGGATTACTA TGTAAATTCA6780
CAGCAGTAAG GATAATATAA ATTTTGTTGA ATGTATGAAC ATCATATGGT CTGAAAATGT6840
GGGTTTTTAT TTGGCACATT TAAATAACAT GTTTCTAACT AGATTTTTGA TTTGTGTTCA6900
ATATTAACAC TTCTTAATTT GATATATTTG AGAGTCAGAC ATTATAATTG TTAATCCTTA6960
TTCATACATA CCTACATTCA GAATTGAAAG GTGTTGGTTA AGTCTTGAAC ATCACTATTC7020
TATGCATAAA ACTTGGCCAG GATCTTAAGG GACTTTGAAA ATTCCATCTT ACCCTTGTAG7080
CTCTGGGTAA GATGACCTGA GTCCCTTATG ATACAGCCTG AATGCATCAT GACAGATCCT7140
TAGTTAGCTA ATCCGTTTGA AGTTGGTGTT AGTAGGTATT GTATGATCAG TGGTGAAGCA7200
AGTAGGACCA CTGATGTGTC TAAATGAGCA TGACAGGAAC TAAACGAAAC TGATTAAATG7260
TATGAGAAAT AGAAACTGAT TTCTGGATGA TCTTTATACT AATTGCAGCT TTCAGGCTAC7320
TAGGTGGCAT AGTGTTAATT AGGACTCCCC AAGATATGGG GAGTTCTACT CTCAATGGTC7380
TTGTTTCTTT GCTTTCTACA TTAGTTAACC AGTTTTATAC CAAAAAATGC ATGTTTGAGG7440
AATTGTCTGA AATTGGGACA AAACACCTTC ATGTAAACCA GCTTTGCAAA ATTTTCCAGC7500
CCAGATACTC TTCATCTATT CAAATGGATT GTCTTATTCT GAGCAAAGAC CTGTTGTTAA7560
TCTTCAAGCT AGGTTTTGCA GTTCCCAACC ACAACATTCT TCTATTTTGC CAGGCTGGTG7620
CAAAGTAATT AAAGATGTCA ATCAGAAATG TCAATGAGAC TAAAGTGGTT TTGTAAATCT7680
CAGCTATATT TAGCAACACT CCATGTAGCT AATATTTTTT GGTAGCATCT GGTAGACCTT7740
AGAATGTTAC ATAGCCAGTA GGTTCTTTAT TCAAATTTTA AGTATCTTAA GAATAGTAGG7800
GCAGTAACAG TTACTTTTGA GAGTTTTCTG GTCAAGCTTT TACCAGGCAT TCTCTAGCCT7860
TGGTACAAAA AAAAAAAAAA CCTGCTGGTT GCGCAGATAC CTAGGCTTGT CCATTTTATG7920
CATTTCAGCA AAGTCATTGG AGACTATTGC AACTTGGGAA TACTGGTCTG CATCAAGTTT7980
AATTCGGTAG TTTGACCGCT AGTATGTTGG AAGTTATTTG GATTGTTTTT GGAATTTTGA8040
CTGGCTGAAT TATGGTTGGT ATAAAGTTAT GTGTATAACT GGCAGGCTTA TTTATCTGTT8100
GCACTTGGTT AGCTTTAATT GTTCTGTATT ATTTAAAGAT AAGTTTACTC AACAATAAAT8160
CTGCAGAGAT TGAACAAATA ATCCTGATAC TTAATTTTTG GAAGTGGGAG CTC       8213
Name: 317                Len:   572  Check:      4C
 CGCCGCATTG TGGTCCGCTT CTCTGCACTA TGTCGGGTGG CCTCCTGAAG GCGCTGCGCA 60
 GCGACTCCTA CGTGGAGCTG AGCCAGTACC GGGACCAGCA CTTCCGGGGT GACAATGAAG120
 AACAAGAAAA ATTACTGAAG AAAAGCTGTA CGTTATATGT TGGAAATCTT TCTTTTTACA180
 CAACTGAAGA ACAAATCTAT GAACTCTTCA GCAAAAGTGG TGACATAAAG AAAATCATTA240
 TGGGTCTGGA TAAAATGAAG AAAACAGCAT GTGGATTCTG TTTTGTGGAA TATTACTCAC300
 GCGCAGATGC GGAAAACGCC ATGCGGTACA TAAATGGGAC GCGTCTGGAT GACCGAATCA360
 TTCGCACAGA CTGGGACGCA GGCTTTAAGG AGGGCAGGCA ATACGGCCGT GGGCGATCTG420
 GGGGCCAGGT TCGGGATGAG TATCGGCAGG ACTACGATGC TGGGAGAGGA GGCTATGGAA480
 AACTGGCACA GAACCAGTGA GTGGTGAGAG CTCTGTCAGT GACAAACACT CCTTTGGCCT540
 GTTGAATTTG CTGAAGAACA TCACCTAAAG TC                              572
Name: 318                Len:   338  Check:     14BF
 CAATGCTTGA AGTATAAAAA GCTGAGAGTG TTCTCGGGCA GGGAGTCTCC AGAACCAGGA 60
 GAAGAAGAAT TTGGACGCTG GATGTTTCAT ACTACTCAGA TGATAAAGGC GTGGCAGGTG120
 CAGATGTAGA GAAGAGAAGG CGATTGCTAG AGAGCCTTCG AGGCCCAGCA CTTGATGTTA180
 TTCCGTGTCC TCAAGATAAA CAATCCTTTA ATTACTGTCC GATGAATGTC TGCAGGCTCT240
 TGAGGAGGTA TTTGGGGTTA CAGATAATCC TAGGGAGTTG CAGGTCAAAT ATCTAACCAC300
 NTTACCAGAA GGATGAGGAA AAGTTGTCGG CNTATGTC                        338
Name: 319                Len:   451  Check:     A27
 TNTTTTTGAC TTTAAATGAT AAACTTTTAT TCTGAATATA CTGTTTTTGC ACAAGATTTA 60
 ACACAACATT TTCTGGGATT ATAAATATTT TATAACAGTA TTATACAAAT TTTTACAAAA120
 TGTTTTTATC AGGCTAGGTA ATTTTCACAA AAGTGTCAAG AGAACAAAAT AAAGGGGAGA180
 AAAGATCTAT TGTTCACAAA AGCCAGTTGG CCTTTTGCAT GAATGCACAC CATTTTAATA240
 AAAGTATTCC TAAAAGCATG ATCCGACACT CATACAACAC AACAAAAAAG ACAGCTTTAC300
 TAGGTCACAT TATAAACTCA ACTGGCATCT ACACAAGACA GTATCCCATT AGTTTCAGTG360
 GAATTTGAGA TAACTTGTGT GAACTAGAAA TAAGGTAGAT GAAGAGTTGT CCAATTCTTC420
 NAAAATCTGG AATTTTTTTT CACACTCCAA N                               451
Name: 32                 Len:   623  Check:     213F
 GGCAGTAGCA GAACACCTGC TCTCATGAAC TTCATGATGA CAGGCTCTTG GGTGACAATT 60
```

2-15

GGTGCGACCT TTGCAGCCAT GATTGGAGCT GGAATGCTTG TACACTCAAT ATCATATGAG120
CAGANCCAGG CCCAAAGCAT CTGGCTTGGA TGCTGCATTC TGGTGTGATG GGTGCAGTTG180
TGGCTCCTCT GACGATCTTA GGGGGGCCTC TTCTCCTGAG AGCCGCATGG TACACCGCTG240
GTATTGTGGG AGGCCTCTCT ACTGTGGCCA TGTGTGCGCC TAGTGAGAAG TTTCTCGAAC300
ATGGGAGCAC CCCTGGGAGT GGGCCTGGGT CTTGTCTTTT GCGTCTTCTC TGGGGTCTAT360
GTTTCTTCCC CCTACCTCTG TGGGCTGGTG CACTCTGTAC TCAGTGGCAA TGTATGGTGG420
ATTAGTTCTT TTCAGCATGT TCCTTCTGTA TGATACTCAG AAAGTAATCA AACGTGCAGA480
AATAACACCC ATGTATGGAG CTCCAAAGTA TGATCCCATC AATTTCGATG TTGANATCTA540
CATNGATACA ATTAATATAT TTATGCGAGT TGCANTAATG CTAGCAACTT GAAGCAACAG600
AAAGAATGAA GTACCGCTTT TTA 623

Name: 320 Len: 359 Check: 19B0
GCCTACTGCA CCGCCGACCA CAACGTGAGC CCCAACATCT TCGCCTGGGT CTACAGGGAG 60
ATCAATGATG ACCTGTCCTA CCAGATGGAC TGCCACGCCG TGNAGTGCGA GAGCAAGCTC120
GAGGCCAAGA AACTGGCCCA CGCCATGATG GAGGCCTTCA GGAAGACTTT CCACAGTATG180
AAGAGCGACG GGCGGATCCA CAGCAACAGC TCCTCCGAAG AGGTTTCCCA GGAATTGGAA240
TCCGATGATG GCTGAATGAA CTTTNAGACG CTTNAGCAAA GGCAGCATTG GTCACGGGGT300
TCAAGGGAAT TAGATTGAGT AAGCAACGTT TCAAATTTGG GATGAAAGAT TTCCAAATT 359

Name: 321 Len: 295 Check: 102E
CCTCACTGCT ATGGGCCGCA ACAAGAAGAA GAAGCGAGAT GGTGACGACC GGCGGCCGAG 60
GCTCGTTCTT AGCTTCGACG AGGAGAAGAG GCGGGAGTAC CTGACAGGCT TCCACAAGCG120
GAAGGTCGAG CGAAAGAAGG CAGCCATTGA GGAGATTAAG CAGCGGCTGA AAGAGGAGCA180
GAGGAAGCTT CGGGAGGAGC GCCACCAGGA ATACTTGAAG ATGCTGGCAG AGAGAGAAGA240
GGCTCTNGAG GAGGCAGATG AGCTGGACCG GTTGGTGACA GCAAAGACGG AGTCG 295

Name: 322 Len: 406 Check: 233D
CAAAAAGCTG GTNGCCTCCA GACCCGACTT TTTCAACCAG GAGCACCAGA CACGGGATGT 60
GGACTGTGTC CTCACAACAG GAGAAGTTTT CAGGTTGCTG GNGGNAGAGG GGGCTCGGGG120
GGCTACCTGG AGCACGTGTT CCGGCACGCG GCCCGAGAGC TCTTTGGAAT CCATGTGGCT180
GAGGTTACCT ACAAACCCCT GAGGAACAAA GACTTCCAGG AGGTGACACT NGAGAAGGAG240
GGCCAGGTGC TGCTGCACTT CGCAATGGCG TACGGCTTCC GCAACATCCA GAACCTGGTG300
CAGAGGCTCA AACGAGGGCG CTGCCCCTAC CACTACGTGN AGGTCATGGC CTGCCCCTCA360
GGCTGCCTGA ACGGCGGGGG GCCAGCTCCA GGTCCCAGAC AAGGCC 406

Name: 323 Len: 489 Check: 149E
TTTTTTTTAA CATTCCTAAG TTTCTTTATT CTTCATAGTT TTCTAATGAA CAAATAGTTA 60
GTTTTCCTGA GTAAGATTAT AAAAAAGTTA ACCATTCTTC CAAAAGTATA AAGACAAATA120
AAATGTCGAC TCATAATACA AATTTTTTAC ATAGCATTAA AGGTGCAGAT ATTGACTGCC180
CCTCTTCATT ATGATTGGCC CACCCCTTAA AAAGACTGCA ACAGAGGATT CAATTGTCTA240
AAATACTTCG AAGTACAGAA ATTAAATGCT TTAGCCCATA AACATATCCC TCATCTATTG300
TGTTGCTAGG GAACACATGA GCAAAATCTA TCATTCGCAC TTCTACTTCA GCAATCTCTT360
GGCAACCAGT GGGAAGATGG TAGAAAACTT TNTCCAGTTG GGAAAGTACA TTTCCATTTA420
AATGTTCCTG TGACATGCTT TTCCACCCAT TGTCTTGCTC CAGATTTTCA ACTTTCAATG480
AAGTCTGAC 489

Name: 324 Len: 491 Check: 213F
TAAGGATTAA AAACGATTTT AATTATACAC ATATGGTCAC AATTTTGCCT TAAAAAGATT 60
GTTGGGAAAT GTACATAAGG CCGCTTGTAA ATGTACATCG TGTTACTGTT ATGTCTTATG120
TCCAGAGGAA AAAATGTTAT CATACAGATT TGCTCTTACT TGGGAGTAGG CTATTCAAAA180
ATACAGTACT CTTCTGTACA AAGAAAAAAG TCACATCACA TTTAATAAGA TGAAAAAAGC240
ATTGGCCTCC ATGGTAACCA AATATCTCAG TCCAATACTT TCTATTATGC ACAATACCCT300
GACTTCAATT GAAAGTGATC CAAATTCTAG CAGGTCCATA TTAACAGTCA ACAACTATGT360
TATAAAACAA AATGATCTCA CAATAATAAA AAGAAAGCTG GTTCATACTT CTGAAACCAT420
ATAAAGATAA AAAATTTTTA AAAAATCACT CTCGATTTGG AGAAATAAAT TTACATTATA480
CAACACTATA T 491

Name: 325 Len: 546 Check: 101E
CGGCACGAGG GACAACGCAG CCTGATAAAC AAGTGGACGA CTTTTCTTAA GGCCAGACTG 60
ATTTGCTCAA TTCCTGGAAG TGATGGGGCA GATACTTACT TTGATGAGCT TCAAGATATT120
TATTTACTCC CCACAAGAGA TGAAAGAAAT CCTGTAGTAT ATGGAGTCTT TACTACAACC180
AGCTCCATCT TCAAAGGCTC TGCTGTTTGT GTGTATAGCA TGGCTGACAT CAGAGCAGTT240
TTTAATGGTC CATATGCTCA TAAGGAAAGT GCAGACCATC GTTGGGTGCA GTATGATGGG300
AGAATTCCTT ATCCACGGCC TGGTACATGT CCAAGCAAAA CCTATGACCC ACTGATTAAG360
TCCACCCGAG ATTTTCCAGA TGATGTCATC AGTTTCATAA AGCGGCACTC TGTGATGTAT420
AAGTCCGTAT ACCCAGTTGC AGGAGGACCA ACGTTCAAGA GAATCAATGT GGATTACAGA480
CTGACACAGA TAGTGGTGGA TCATGTCATT GCAGAAGATG GCCAGTACGA TGTAATGTTT540
CTTGGA 546

Name: 326 Len: 456 Check: A6C

2-16

GCACGAGTCT ACATCCAGAG GACCAAGAGC ATGTTCCAGA GGACCACGTA CAAGTATGAG 60
ATGATTAACA AGCAGAATGA GCAGATGCAT GCGCTGCTGG CCATTGCCCT CACGATGTAC120
CCCATGCGTA TTGATGAGAG CATTCACCTC CAGCTGCGGG AGAAATATGG GGACAAGATG180
TTGCGCATGC AGAAAGGTGA CCCACAAGTC TATGAAGAAC TTTTCAGTTA CTCCTGCCCC240
AAGTTCCTGT CGCCTGTAGT GCCCAACTAT GATAATGTGC ACCCCAACTA CCACAAAGAG300
CCCTTCCTGC AGCAGCTGAA GGTGTTTTCT GATGAAGTAC AGCAGCAGGC CCAGCTTTCA360
ACCATCCGCA GCTTCCTGAA GCTCTACACC ACCATGCCTG TGGCCAAGCT GGCTGGCTTC420
CTGGACCTCA CAGAGCAGGA GTTCCGGATC CAGCTT 456

Name: 327 Len: 462 Check: 1820
TTTACAGGTA CACAATTTAA TATTTATTAT ATGCATTTTA TATACATTAT TTTTCAACAG 60
CTGTATGTTT GCTATGTGGT ACAATCTTAA AAATTTGCTG ATTCATAGTT TGTAAAACAA120
AAACCTTACA AAACTCATCA AAACTCGCAA ACTGATCAGA AAAGTTTCTC GGAAGACTAG180
AAAAAATACT TTATTGTCTT AATCATGCAT TACACAAACA AAATCTTTAG TTACACCATA240
AAATTAAGCA CATCTAAAAA AATAAAACAG GGATAACTAG TCAAAACACA GCAGATTTCT300
GTATCCTGAT TCAACTATTT TTGTATCCTA TTTGTAATGC AAATAAAACT TTACTCCAAA360
TATTTTTAAA CAAGTTAGTT TTGTTTGGAA TCATGGTAAA CCAAGATATA TATCTTAGGG420
GGAACCACCT TGGTTTGTAA TTTAAACTAT AAAATACTCC AT 462

Name: 328 Len: 457 Check: D31
CAATTAAGGG CTTTGGCGGG ATTGGCTCCG CGTTTGGGCT GGTCCGCTGC TCCCCACCTA 60
CCAGGGTCGG ATCCGGAGCC CTTCCCCGCG GGGCGGGGAC CTCCAAACAA CCGACTCCTT120
TCCAGCTGAA GAAACACTTA AATTCTGGAA ATAGCGACTC AGTATCATGG CCAGCAGCCT180
TAATGAAGAT CCAGAAGGAA GCAGAATCAC TTATGTGAAA GGAGACCTTT TTGCATGCCC240
GAAAACAGAC TCTTTAGCCC ACTGTATCAG TGAGGATTGT CGCATGGGCG CTGGGATAGC300
TGTCCTCTTT AAGAAGAAAT TTGGAGGGGT GCAAGAACTT TTAAATCAAC AAAAGAAATC360
TGGAGAAGTG GCTGTTCTGA AGAGAGATGG GCGATATATA TATTACTTGA TTACAAAGAA420
AAGGGCTTCG CACAAGCCAA CTTATGAAAA CTTACAG 457

Name: 329 Len: 448 Check: 77C
TTTTTTTTTT TTTTATGATG CACTCCAAGT GCCATATGTC TATTTTATTC TTCAGGAAAT 60
TATATTTTTC TTTTACAAGA GCACAACAGG AACCAAAGTA AAAGAGTAAT AGATACAGCA120
CTCAGGATAA ATCATATCTT TAAAATAATA ATAAAAAAAT TTACACCTTG TCCTATATCC180
TGTTAGTATT TTCATAATAT GGCCATGATT GAAAAAACAA AAAGCAAGCA TCTACAATTT240
TTTTTGATAA AGACTTTTTA TGCCAGGAAT GGATTAATTA CCAACAAAAT TTATACTAAT300
CAGGCTGATG TCAATCTATT TTTGTAATGT ATCATTAACA AATTTATTTT GGAAAAGATA360
AAAATATTGC CCCTTGATAA TAAATCTTTT TTTCCTTTGA TGCAAACAGC TAGAACACCT420
TTTTCTTTTT CTTTTTGATA TTCTAAGA 448

Name: 33 Len: 464 Check: 1B37
TATTCCAAGC ACACTTTCCA GTATGCTTAC CTTGTTACGA CTTATCTCCT CTCATAAACG 60
GATGTCTAGA AATTAATTAT GTTAAGTTTA ATTTAATTTG AGGAGGGTGA CGGGCGGTGT120
GTGCGTACTT CATTGCTCAA TTCAATTAAG CTCTCTATTC TTAATTTACT ACTAAATCCT180
CCTTAGTCCT TTAGTTTCAT AAAGGGTATA GTAATGTTCT TTTATAAGAA AATGTAGCCC240
ATTTCTTCCC ATTTCATTGG CTACACCTTG ACCTAACGTT TTTATGTTTG ATTCTTTTGC300
TTACTTTAAT ACCTTTTTAG GGTTTGCTGA AGATGGCGGT ATATAGGCTG AATTAGCAAG360
AGATGGTGAG GTAGAGCGGG GTTTATCCGA TTATAGAACA GGCTCCTCTA GATGGATATA420
AAGTACCGCC AAGTCCNTTG AAGTTTTAAG CNATGGCTAG TAGT 464

Name: 330 Len: 373 Check: A98
GTTGCACATG CCGTCGGCCA TGACTGTGTA TGCTCTGGTG GTGGTGTCTT ACTTCCTCAT 60
CACCGGAGGA ATAATTTATG ATGTTATTGT TGAACCTCCA AGTGTCGGTT CTATGACTGA120
TGAACATGGG CATCAGAGGC CAGTAGCTTT CTTGGCCTAC AGAGTAAATG GACAATATAT180
TATGGAAGGA CTTGCATCCA GCTTCCTATT TACAATGGGA GGATTAGGTT TCATAATCCT240
GGACCGATCG AATGCACCAA ATATCCCAAA ACTCAATAGA TTCCTTCTTC TGTTCATTGG300
ATTCGTCTGT GTCCTATTGA GTTTTTTGAT GGCTAGAGTA TTCATGAGAA TGAAACTGCC360
GGGCTATCTG ATG 373

Name: 331 Len: 306 Check: 2689
GGCGAAGAGG ACCAGGACTA TGACATCACC CAGCTCCACC GAGGTCTGGA GGCCAGGCCG 60
GAGGTGGTTC TCCGCAATGA CGTGGCACCA ACCATCATCC CGACACCCAT GTACCGTCCT120
CGGCCAGCCA ACCCAGATGA AATCGGCAAC TTTATAATTG AGAACCTGAA GGCGGCTAAC180
ACAGACCCCA CAGCCCCGCC CTACGACACC CTCTTGGTGT TCGACTATGA GGGCAGCGGC240
TCCGACGCCG CGTCCCTGAG CTCCCTCACC TCCTCCGCCT CCGACCAAGA CCAAGATTAC300
GATTAT 306

Name: 332 Len: 626 Check: FF
TCACGTATCG CAAGGGGCTT TTATTGGATT AGTTGCGTGG GGGAATCAGT TCTTCCCGAG 60
AGCAGCAAGT GCAGGCATTA GTGTACAGAA TCCAGAGGAA GGGCAGGCTG CTTGGGTGAG120
GCCTACTCGC CTGGAGACAT GTGGAGTTCT CTAGGGGTCT GCAGCCACCT CGGGGAGCTG180

217

GGAGATTCCC TCCCAGACAC TCCTACATAT AGGAAGGTGA TGCTTCTATC TCATTCCGCA240
CGGCTTTTCC TGCGGTATTC CTGTAGCGCC TTCTCCGCCA CTGTGTCCAT AAACTTAGGG300
TTATCCTTAG AGACTTCTTC TGGTAACACC ACTGTGATGG GGTCAGAGTC AAACAGCTTC360
ACCACCACCT CAGTGACACG GGANGGGACC TCTGAGTCAG AGGAATGGGT GGTCACGGTG420
GAGACCCGAA GGTAAGTACT TGTCTTCGNC CTGTGTGAAG GTTAGCCAAC TGGGAAACCC480
AGTTTGAACT GGTCGTTCAG CTTGCTCCAG CAGGGAATGA GGTGTTGAGC ATCTTTCGAC540
TGGAAAGACT GCAGCAGTTC CCTGTANTGC TCTGTNAGCC TTTCGGCACC TGGAGCGAGT600
CGTTAAGTCC TGGGCAGGTT AGCTGG 626

Name: 333 Len: 4898 Check: FCC

GAATTCCGGC TGCCAGGGGC GTCCGGTTAC ATCCCCGCCT TCCTCTGTCC TGGCCGCGGG 60
ACCGGGTTTG CGGGACCGCA GTTCGGGAAC ATGTTGGCCT CGAGCAGCCG GATCCGGGCT 120
GCGTGGACGC GGGCGCTGCT GCTGCCGCTG CTGCTGGCGG GGCCTGTGGG CTGCCTGAGC 180
CGCCAGGAGC TCTTTCCCTT CGGCCCCGGA CAGGGGGACC TGGAGCTGGA GGACGGGGAT 240
GACTTCGTCT CTCCTGCCCT GGAGCTGAGT GGGGCGCTCC GCTTCTACGA CAGATCCGAC 300
ATCGACGCAG TCTACGTCAC CACAAATGGC ATCATTGCTA CGAGTGAACC CCCGGCCAAA 360
GAATCCCATC CCGGGCTCTT CCCACCAACA TTCGGTGCAG TCGCCCCTTT CCTGGCGGAC 420
TTGGACACGA CCGATGGCCT GGGGAAGGTT TATTATCGAG AAGACTTATC CCCCTCCATC 480
ACTCAGCGAG CAGCAGAGTG TGTCCACAGA GGGTTCCCGG AGATCTCTTT CCAGCCTAGT 540
AGCGCGGTGG TTGTCACTTG GGAATCCGTG GCCCCCTACC AAGGGCCCAG CAGGGACCCA 600
GACCAGAAAG GCAAGAGAAA CACGTTCCAG GCTGTTCTAG CCTCCTCTGA TTCCAGCTCC 660
TATGCCATTT TCCTTTATCC TGAGGATGGT CTGCAGTTCC ATACGACATT CTCAAAGAAG 720
GAAAACAACC AAGTTCCTGC CGTGGTTGCA TTCAGTCAAG GTTCAGTGGG ATTCTTATGG 780
AAGAGCAACG GAGCTTATAA CATATTTGCT AATGACAGGG AATCAATTGA AAATTTGGCC 840
AAGAGTAGTA ACTCTGGGCA GCAGGGTGTC TGGGTGTTTG AGATTGGGAG TCCAGCCACC 900
ACCAATGGCG TGGTGCCTGC AGACGTGATC CTCGGAACTG AAGATGGGGC AGAGTATGAT 960
GATGAGGATG AAGATTATGA CCTGGCGACC ACTCGTCTGG GCCTGGAGGA TGTGGGCACC1020
ACGCCCTTCT CCTACAAGGC TCTGAGAAGG GGAGGTGCTG ACACATACAG TGTGCCCAGC1080
GTCCTCTCCC CGCGCCGGGC AGCTACCGAA AGGCCCCTTG GACCTCCCAC AGAGAGAACC1140
AGGTCTTTCC AGTTGGCAGT GGAGACTTTT CACCAGCAGC ACCCTCAGGT CATAGATGTG1200
GATGAAGTTG AGGAAACAGG AGTTGTTTTC AGCTATAACA CGGATTCCCG CCAGACGTGT1260
GCTAACAACA GACACCAGTG CTCGGTGCAC GCAGAGTGCA GGGACTACGC CACGGGCTTC1320
TGCTGCAGCT GTGTCGCTGG CTATACGGGC AATGGCAGGC AATGTGTTGC AGAAGGTTCC1380
CCCCAGCGAG TCAATGGCAA GGTGAAAGGA AGGATCTTTG TGGGGAGCAG CCAGGTCCCC1440
ATTGTCTTTG AGAACACTGA CCTCCACTCT TACGTAGTAA TGAACCACGG GCGCTCCTAC1500
ACAGCCATCA GCACCATTCC CGAGACCGTT GGATATTCTC TGCTTCCACT GGCCCCAGTT1560
GGAGGCATCA TTGGATGGAT GTTTGCAGTG GAGCAGGACG GATTCAAGAA TGGGTTCAGC1620
ATCACCGGGG GTGAGTTCAC TCGCCAGGCT GAGGTGACCT TCGTGGGGCA CCCGGGCAAT1680
CTGGTCATTA AGCAGCGGTT CAGCGGCATC GATGAGCATG GGCACCTGAC CATCGACACG1740
GAGCTGGAGG GCCGCGTGCC GCAGATTCCG TTCGGCTCCT CCGTGCACAT TGAGCCCTAC1800
ACGGAGCTGT ACCACTACTC CACCTCAGTG ATCACTTCCT CCTCCACCCG GGAGTACACG1860
GTGACTGAGC CCGAGCGAGA TGGGGCATCT CCTTCACGCA TCTACACTTA CCAGTGGCGC1920
CAGACCATCA CCTTCCAGGA ATGCGTCCAC GATGACTCCC GGCCAGCCCT GCCCAGCACC1980
CAGCAGCTCT CGGTGGACAG CGTGTTCGTC CTGTACAACC AGGAGGAGAA GATCTTGCGC2040
TACGCTTTCA GCAACTCCAT TGGGCCTGTG AGGGAAGGCT CCCCTGATGC TCTTCAGAAT2100
CCCTGCTACA TCGGCACTCA TGGGTGTGAC ACCAACGCGG CCTGTCGCCC TGGTCCCAGG2160
ACACAGTTCA CCTGCGAGTG CTCCATCGGC TTCCGAGGAG ACGGGCGAAC CTGCTATGAT2220
ATTGATGAAT GTTCAGAACA ACCCTCAGTG TGTGGGAGCC ACACAATCTG CAATAATCAC2280
CCAGGAACCT TCCGCTGCGA GTGTGTGGAG GGCTACCAGT TTTCAGATGA GGGAACGTGT2340
GTGGCTGTCG TGGACCAGCG CCCCATCAAC TACTGTGAAA CTGGCCTTCA TAACTGCGAC2400
ATACCCCAGC GGGCCCAGTG TATCTACACA GGAGGCTCCT CCTACACCTG TTCCTGCTTG2460
CCAGGCTTTT CTGGGGATGG CCAAGCCTGC CAAGATGTAG ATGAATGCCA GCCAAGCCGA2520
TGTCACCCTG ACGCCTTCTG CTACAACACT CCAGGCTCTT TCACGTGCCA GTGCAAACCT2580
GGTTATCAGG GAGACGGCTT CCGTTGCGTG CCCGGAGAGG TGGAGAAAAC CCGGTGCCAG2640
CACGAGCGAG AACACATTCT CGGGGCAGCG GGGGCGACAG ACCCACAGCG ACCCATTCCT2700
CCGGGGCTGT TCGTTCCTGA GTGCGATGCG CACGGGCACT ACGCGCCCAC CCAGTGCCAC2760
GGCAGCACCG GCTACTGCTG GTGCGTGGAT CGCGACGGCC GCGAGGTGGA GGGCACCAGG2820
ACCAGGCCCG GGATGACGCC CCCGTGTCTG AGTACAGTGG CTCCCCCGAT TCACCAAGGA2880
CCTGCGGTGC CTACCGCCGT GATCCCCTTG CCTCCTGGGA CCCATTTACT CTTTGCCCAG2940
ACTGGGAAGA TTGAGCGCCT GCCCCTGGAG GGAAATACCA TGAGGAAGAC AGAAGCAAAG3000
GCGTTCCTTC ATGTCCCGGC TAAAGTCATC ATTGGACTGG CCTTTGACTG CGTGGACAAG3060
ATGGTTTACT GGACGGACAT CACTGAGCCT TCCATTGGGA GAGCTAGTCT ACATGGTGGA3120
GAGCCAACCA CCATCATTAG ACAAGATCTT GGAAGTCCAG AAGGTATCGC TGTTGATCAC3180
CTTGGCCGCA ACATCTTCTG GACAGACTCT AACCTGGATC GAATAGAAGT GGCGAAGCTG3240

218

GACGGCACGC AGCGCCGGGT GCTCTTTGAG ACTGACCTGG TGAATCCCAG AGGCATTGTA3300
ACGGATTCCG TGAGAGGGAA CCTTTACTGG ACAGACTGGA ACAGAGATAA CCCCAAGATT3360
GAAACTTCCT ACATGGACGG CACGAACCGG AGGATCCTTG TGCAGGATGA CCTGGGCTTG3420
CCCAATGGAC TGCACTTCGA TGCGTTCTCA TCTCAGCTCT GCTGGGTGGA TGCAGGCACC3480
AATCGGGCGG AATGCCTGAA CCCCAGTCAG CCCAGCAGAC GCAAGGCTCT CGAAGGGCTC3540
CAGTATCCTT TTGCTGTGAC GAGCTACGGG AAGAATCTGT ATTTCACAGA CTGGAAGATG3600
AATTCCGTGG TTGCTCTCGA TCTTGCAATT TCCAAGGAGA CGGATGCTTT CCAACCCCAC3660
AAGCAGACCC GGCTGTATGG CATCACCACG GCCCTGTCTC AGTGTCCGCA AGGCCATAAC3720
TACTGCTCAG TGAACAATGG CGGCTGCACC CACCTATGCT TGGCCACCCC AGGGAGCAGG3780
ACCTGCCGTT GCCCTGACAA CACCTTGGGA GTTGACTGTA TCGAACGGAA ATGAAGACAA3840
GAGTGCCTTA TTTCCTTTCC AAGTATTTCA CAGCAACACT CTACTTGAAG CAACTTGGTC3900
CAGATTGAAA AGTGTCCTCT GGCTGAGTGG CCACTAGGCC CAGACCCAGC CCAGCCTGAG3960
CCCCAACAAC AACTTTTCCC TCACTGTTCC CCAAAACATG CACCCTGGAC TTCTCTAATA4020
GAAAAGTCTC CACCCCTACA CAAGGACAGA ACCCTCCACC CCTACCCCCA ACCCTCAGAC4080
AGACTTATAC ACCCCTGAGT GAGGATTACA TGCCCATCCC AGTGTCCTAG GACCTTTTCC4140
CAATACTAGC CCCCCAGTGG TGAACAGAAC CTCCCAAATT TGAGTTGCAC CCTTCCCTGT4200
GGCCTTATGA GCTCAGCCTC GCTTTGAGGT ACCCACCGTC CTGTCAGCTC CTTGACCTAT4260
GAGCTGGGGC CTGACTAGGA AAAGTTGGGA GTTAAGGAGG AAATTAGCAT TCCTTAATGT4320
TTTGTTTTGG TGCTCTGAAT TTCTTCTTTA TTATAGTCCT ATAGTTTTAC TCCTCAGTTC4380
CTCACCATCA TCATCTTGTC TAAGACCCCC ATTATAATAT TCATGCGCTG CTTTTTCATC4440
AAAACCTACC CTGTCCTAGA GATCTATGGG CATTTGGTGG ATGATAATGA GCAGCCCCTC4500
CCAGATAGAA TGTCAATATT TGAGCAGTAG GATATTGGCA TTTGTTAGTT AAAGGCTTAA4560
ATCAAAAGAA TGTCCAATGG TAGGAATTTC AAGGTGTAGG TCAGATATTT GAGAATAGGG4620
GATTTTTTTG ATGTGCCTTA AATTATACCA AAGATTACTA ATTATTCCTC TTTGCCCAAA4680
ATACTTGCAT CCAAGGTTCT AGTCTCTGTT GCTGTGCTGG TCTTTAGCCC CACTGCTGGC4740
ACTGATGTCC CTCCTTTTTC ACGGAGACCT ATCTGAGGTA CAGGATGGGG CTGGCACCAG4800
ATGATGTCCC ACCACAGTCC CTCACCTCCG GCCTCCACAT GACAGAACCA ATTTACACTC4860
AACCATGACC TCACCCCTCC TTGGTTTCTC CCTCCCCG 4898

Name: 334 Len: 429 Check: 74D
TGTTTCGGAG GCNAGCGGGG CNNGNCNTGT GACAACTGCC NGTAGACCTG GGGCTGCTGA 60
ACCCAGTCCC GATGGCACCA CCGGCCACAC CTACAACCAG TATACACAGA GATACAATCA120
GAGAACAAAC ACTAACGTAA ATTGCCCCAT TGAGTGCTTC ATGCCGCTAG ATGTGCAAGC180
TGACAGAGAC GATTCTCGAG AGTAATCTTT CCAGCCCCAC CCGTACAAGT GTNTNNCTAC240
CAAGGTCAAT CCACACCCCA GTGATGTTAG CAGACCCTCC ATCTTTGAGT GGTCCTTTCA300
CCCTTAAGCC TTTTGCTCTG GAGCCATGTT CTCAGCTTCA GACAATTTAC AGCTTCTCCA360
AGCATCGCCC GTGGATTGTT TTGAGACTTC TCTCCTCAAT GGTGACAGTT GGTCACCTGT420
TCTGCTTCA 429

Name: 335 Len: 411 Check: 55
CCCACCGACC CATCTGCAAA ATCCCGGAAG AGCCAAGGAG GGGGACACAG GCAGTACCAG 60
TGGCACCAGC AGCCCACCAG CCCCCTGCCG CCCTGTACCT TGTATCTCCC TTTCCCCAGG120
GCCTGTGCTT GAACCTGAGG CACTGCACAC CCCCACACTC ATGACCACAC CCTCCCTAAC180
TCCTTTCACC CCCAGCCTGG TCTTCACCTA CCCCAGCACT CCTGAGCCTT GTGCCTCAGC240
TCATCGCAAG AGTAGCAGCA GCAGCGGAAG ACCCATCCTC TGACCCCCTT GGCTCTCCAA300
CCCTCCTCGC TTTGTGAGGC GCCTGAGCCC TACTCCCTGC AGATGCCACC CTTAGCCAAT360
GTCTCCTCCC CTTCCCCCAC CGGTCCAGCT GGCCTGGACA GTATCCCAGA A 411

Name: 34 Len: 308 Check: 3A1
CCGCGAGACG TCGGTGAGGT GGGACTGGTG ACTCTCAGAA GCTCCTCGGT GCACTTTTGT 60
CTCGGCAGAC TGGGAGGGAG CAGGCGCTCG CGGAANACCG TCACTTACTG GGTTTGTTCA120
CCTGTTTCCA GCAAGTTTTG GTCTTTTGGG CAGAAGCCTG TTGACCAACT GTGGGCCACC180
ACAGTCTTGC ACAGAAAGGT GGCACCCGGA GTGGTTTGTG GCCCTCACTA CCAAAGCCAC240
GGGAAGCCCA ATTTCCAGTA GGATTGCCGG TTTTGAATTC TTTTCCCAAA AGCNAAATNG300
AGTTTNAC 308

Name: 35 Len: 435 Check: 21E
AAAAAGCCAT TAATATTCAA ACAAAGGAAT CACATTTTAA AAACCCTATA CATAAGAAAC 60
AGCCTCCAGG AACATTCAAG CAGCAGTCAG GAGGGAAAAA TGTTTCAATA GCCCAGTTTT120
CTTCAAAGTA TGCCAGAGAA TACAATCCAA TTCACTGCTA CAATTCATAG AATTNGTCAG180
TGTTTTCTTG AGACGCTGAG GTTCACTGTT GGCAGTTTCC AAGTGGCCGC ATGTGCTGCT240
CAGAAAGGCC AGCGNAGACN AGCTGCCCGG AAGAACTTTC ACTGCTGGAA AACTGCTCCG300
CTCCCAAGGA AAGCCCAAGG AAGGCTGGGC CGTGGGCTCA CAACTTCATC CTTTCTCCAG360
GGTCATCCAG CTCCACGTCA CTTGAGGTCA ATGTCGTCNT CCACAGGGAA GCTCACCATC420
CTTTGCCATC CCAGG 435

Name: 36 Len: 505 Check: 2510
CCGGCAACGT ACACCTTTTT TATTAAGGGG CTTCTATTGT GTTCTGAAGT TCCATCTCTG 60

219

TGACAACATT AATATACTTT AAATACCTGG GATGTGGTCT GGTACATACA TGGTGGATGC120
TGTGTGTGTA TTATATATAC TACTATATTA TGAACACCTG AGTCATGGAA GTCCTTGCAA180
AGTGTGCCTT AAAATCCTCA ACCTTTTTAA CTTTTCTCAT ACATCGAAGT CAGTATTCTT240
ATGAAGGCCC CCATATTGAA AAAAGTCACC TTGTCCTGAG AGGTTGTAGC CATCATCATT300
TTCCAGCGGC TGCCATCTTT TATTCTGGGA ACGTTTTCTG GGTTCACTGA CATCATTACT360
TTGTACTAAG TTTTCCTCGT TGCTTAAAAG GCTGCTCTGT AGCAACAACT GTCTCATCCC420
TTCAAAGCTT TTCCAAGCAG TTTAGCTATT TGAAAAGGGG GCTTTCTAAC TTCATCTTTT480
CAAAATAAAC TGCTGGGCAT GCGTT 505

Name: 37 Len: 451 Check: A27
TNTTTTTGAC TTTAAATGAT AAACTTTTAT TCTGAATATA CTGTTTTTGC ACAAGATTTA 60
ACACAACATT TTCTGGGATT ATAAATATTT TATAACAGTA TTATACAAAT TTTTACAAAA120
TGTTTTTATC AGGCTAGGTA ATTTTCACAA AAGTGTCAAG AGAACAAAAT AAAGGGGAGA180
AAAGATCTAT TGTTCACAAA AGCCAGTTGG CCTTTTGCAT GAATGCACAC CATTTTAATA240
AAAGTATTCC TAAAAGCATG ATCCGACACT CATACAACAC AACAAAAAAG ACAGCTTTAC300
TAGGTCACAT TATAAACTCA ACTGGCATCT ACACAAGACA GTATCCCATT AGTTTCAGTG360
GAATTTGAGA TAACTTGTGT GAACTAGAAA TAAGGTAGAT GAAGAGTTGT CCAATTCTTC420
NAAAATCTGG AATTTTTTTT CACACTCCAA N 451

Name: 38 Len: 245 Check: CCD
GATTTGCCGT CTTGTACCCT TAAGAGCTAC AGCTAGAGAA ACCTTCACGG GGTGGAGAGA 60
GGATTCTAAG GCTTTTCTAG CGTGACCCTT TTCAGTAGTG CTAGTCCCTT TTTTACTTGA120
TCTTAATGGC AAGAAGGCCA CAAAGGTACT TTTCCTTTTT TAGCTCAGGA AATATGTCAG180
GCTCAAACCA CTTCTCAGGC AGTTTAATGG ACACTAGTCC ATTGTTACAT GAAGTGATAG240
ATAGC 245

Name: 39 Len: 403 Check: 185
AATTCAAAGG TAAATACACT GAGTAAAGAG CTACATTCAG AGTTCTCAGA AGTTATGAAT 60
GAAATCTGGG CTAGTGATCA AATCAGAAGT GCCGTCCTTA TCTCATCAAA GCCAGGCTGC120
TTTATTGCAG GTGCTGATAT CAACATGTTA GCCGCTTGCA AGACCCTTCA AGAAGTAACA180
CAGCTATCAC AAGAAGCACA GAGAATAGTT GAGAAACTTG AAAAGTCCAC AAAGCCTATT240
GTGGCTGCCA TCAATGGATC CTGCCTGGGA GGAGGACTTG AGGTTGCCAT TTCATGCCAA300
TACAGAATAG CAACAAAAGA CAGAAAAACA GTATTAGGTA CCCTGAAGTT TTGCTGGGGG360
CCTTACCAGG AGCAGGAGGC ACACAAAGGG CTGCCCAAAA TGG 403

Name: 4 Len: 433 Check: 1372
GACTCCTTCA CGTCAGGCTC AGGTTCCATG GGAGGACGAA GCAGTGGACG CATTGTGGGC 60
TTTAGGGACA GATGAGTTTT CCAGATAGTG TCAGCTTATT TGAAGATTAA TTTTCTTTGT120
TAACTTAAAA TAACTATTTT AACCCTTGAG TGGCTTCTTT TTAAACCAAA AACCGTCTTT180
CTTTGCTTTT TTATCACAGC AGAATCAGGA TCTCTTTCTC ATTCAAGGGG GGAACCACCC240
CAGGGTCAGC GCTGCGCCTG CTGTGGCCGC CGCGAGCCAC GNCCTCTGGG ATTCTTTTGG300
TACCGTCACT CTTGGCTTGT GCCTTCCACA ACTTCTCGGT TGCAGATCCC TATGGGGGGA360
AGCTTGCCTC AANGTTCTCT GGAACTTGGT CAGAAGCAAG CGCCTGGGTN GGGTGTTTNC420
CTGGGGCCAA TTT 433

Name: 40 Len: 527 Check: 26AF
GGACAATGAC GGCCTCCAGT GTCCTCCTGC ACACTGGACA GAAGATGCCT CTGATTGGTC 60
TGGGGACATG GAAGAGTGAG CCTGGTCAGG TGAAAGCAGC CATTAAACAT GCCCTTAGCG120
CAGGCTACCG CCACATTGAT TGTGCTTCTG TATATGGCAA TGAAACTGAG ATTGGGGAGG180
CCCTGAAGGA GAGTGTGGGG TCAGGCAAGG CAGTCCCTCG AGAGGAGCTG TTTGTGACAT240
CCAAGCTGTG GAATACTAAG CACCACCCTG AGGATGTAGA ACCTGCCCTC CGGAAGACAC300
TGGCTGATCT GCAACTGGAG TATTTGGACC TCTATTTGAT GCACTGGCCC TTAATGCCTT360
TGAAGCCGGG GAGACAATCC CCTTTTCCCA AGAAATGCCG AATGGGAACT GTCAGATATG420
ACTCCAACTC ACTATTAAAG AGACCTGGAA GGCTCTTGGA AGTACTGGTG GCNAAAGGGG480
CTGGTGAAAG CCCTGGGCNT TGTCCAACTT TCAACAGTCG GCAAGAT 527

Name: 41 Len: 449 Check: 516
CATAATTCAG AACAGCACAC TGGGAGAAGC AGAGATTGAG CGTGNGGGNG AGTAATCCTG 60
AGAGAGATGC AGGAAGTTGA AACCAACTTG CAAGAAGTTG TTTTTGATTA TCTTCATGCG120
ACANCTATCA AAATACTGCA CTTGGACGGA CAATTCTGGG ACCAACTGAA AATATCAAAT180
CTATAAATCG TAAGGACCTA GTGGATTACA TAACCACACA CTACAAGGGA CCAAGAATTG240
TACTGGCTGC CGCCGGAGGT GTTTGCCATA ACGAACTGCT GGAGTTAGCA AAGTTCCATT300
TTGGTGACTC TTTGTGCTCA CACAAAGGGA GCTATACCAG CTCTGCCTCC CTGGCAAGTT360
CACTGGAAGT GAAGATTCGG GGTGAAGGGA TGACCAGGAT GCCCNTTGGG GAACCTTGGC420
AATAACTGGT TTGANCCAAT TTGGTTGGG 449

Name: 42 Len: 411 Check: 19A6
TCTTCCTGGC CAATGCGTCT CGGGCGCGCT CAGAGCAGTT CATCAACCTG CGAGAGGTCA 60
GCACCCGCTT CCGCCTGCCA CCCGGGGAGT ATGTGGTGGT GCCCTCCACC TTCGAGCCCA120
ACAAGGAGGG CGACGTTCGT GCTGCGCTTC ATTCTCAGAG AAGAGTGCTG GGACTGTGGA180

220

GCTGGATGAC CAGATCCAGG CCAATCTCCC CGATGAGCAA GTGCTCTCAG AAGAGGAGAT240
TGACGAGAAC TTCAAGGCCC TCTTCAGGCA GCTGGCAGGG GAGGACATGG AGATCAGCGT300
GAAGGAGTTG CGGACAATCC TCAATAGGAT CATCAGCAAA CACAAAGACC TGCGGACCAA360
GGGCTTCAGC TAAGAGTCGT GCCGCAGCAT GGGTGAACCT CATGGATCGT T 411

Name: 43 Len: 455 Check: 1D9D
TTCTCATTAA CAACTCCCAC GGTGGGAAGA CAGTTTATCA CTTAGTCTTA TACTTTTGGA 60
CAGCTCACTT CTGCACAATT GAGATACATT TGAAGAGTAG TCTGTTTGCA ATCTGTCATA120
TTTTAATCCA CAAACAAGGA GAACTCCCTA AATTGAACTT GTCTAAATCC AGCTTTCCTC180
AACCTCCTTC CTAAGACTTA GACAAATTAG TCATTGAGAG CATCTCCTGA TTAAATGTTC240
CCTAGAAGCA GAGCCATCAA CAGAGCTGGT GTCACCTGAA CAAGAATGGG AGGTTCCAAA300
GGGAATACTT TCGAGCTTCA TGCAAAGTCT AACTCAGGAG GGAACAGGCC TCCCTCCTGG360
CTGAAGAGAT GCTCCTTATC CTGGACAGCA ATCAGCTGGC TCTCCTTAAG AAATGGGTGG420
GTCAAAGGGC NACATGAGCT CATGAAATGT TCAGT 455

Name: 44 Len: 312 Check: 7C1
CTCACNTGTA GNAGATATGG AGCGGAGAGA CGTTGACTTT GAGCTTATCA AAGTAGAAGG 60
CAAAGTGGGC GGCAGGCTGG AGGACACTAA ACTGATTAAG GGCGTGATTG TGGACAAGGA120
TTTCAGTCAC CCACAGATGC CAAAAAAAGT GGAAGATGCG AAGATTGCAA TTCTCACATG180
TCCATTTGAA CCACCCAAAC CAAAAACAAA GCATAAGCTG GATGTGACCT CTGTCGAAGA240
TTATAAAGCC CTTCAGAAAT ACCGAAAAGG AGAAATTTGA AGAGATGATT CAACAAATTA300
AAGAGACTGG TT 312

Name: 45 Len: 600 Check: 1915
TCCGGAGCGC ACGTCGGCAG TCGGCTCCCT CGTTGACCGA ATCACCGACC TCTCTCCCCA 60
GCTGTATTTC CAAAATGTCG CTTTCTAACA AGCTGACGCT GGACAAGCTG GACGTTAAAG120
GGAAGCGGGT CGTTATGAGA GTCGACTTCA ATGTTCCTAT GAAGAACAAC CAGATAACAA180
ACAACCAGAG GATTAAGGCT GCTGTCCCAA GCATCAAATT CTGCTTGGAC AATGGAGCCA240
AGTCGGTAGT CCTTATGAGC CACCTAGGCC GGCCTGATGG TGTGCCCATG CCTGACAAGT300
ACTCCTTAGA GCCAGTTGCT GTAGAACTCA AATCTCTGCT GGGCAAGGAT GTTCTGTTCT360
TGAAGGACTG TGTAGGCCCA GAAGTGGAGA AAGCCTGTGC CAACCCAGCT GCTGGGTCTG420
TCATCCTGCT GGAGAACCTC CGCTTTCATG TGGAGGAAGA AGGGAAGGGA AAAGATGCTT480
CTGGGAACAA GGTTAAAGCC GAGCCAGCCA AAATAGAAGC TTTCCGAGCT TCACTTTCCA540
AGCTAGGGGA TGTCTATGTC AATGATGCTT TTGCACTGTC ACAGAGCCAC AGCTCCATGG600

Name: 46 Len: 598 Check: 154B
TTATGCCAAA AATGGAGAAC TACTTAAATA TATTCGCAAA ATCGGTTCAT TCGATGAGAC 60
CTGTACCCGA TTTTACACGG CTGAGATTGT GTCTGCTTTA GAGTACTTGC ACGGCAAGGG120
CATCATTCAN AGGGACCTTA AACCGGAAAA CATTTTGTTA AATGAAGATA TGCACATCCA180
GATCACAGAT TTTGGAACAG CAAAAGTCTT ATCCCCAGAG AGCAAACAAG CCAGGGCCAA240
CTCATTCGTG GGAACAGCGC AGTACGTTTC TCCAGAGCTG CTCACGGAGA AGTCCGCCTG300
TAAGAGTTCA GACCTTTGGG CTCTTGGATG CATAATATAC CAGCTTGTGG CAGGACTCCC360
ACCATTCCGA GCTGGAAACG AGTATCTTAT ATTTCAGAAG ATCATTAAGT TGGAATATGA420
CTTTCCAGAA AAATTCTTCC CTAAGGCAAG AGACCTCGTG GAGAAACTTT TGGTTTTAGA480
TGCCACANAG CGGTTAGGCT GTGAGGAAAT GGNAGGATAC GGACCTCTTA AAGCACNCCC540
GTNCTTCGAG TCCGTCACGT GGGAGANCTG CACCAGCGAC GCCTCCGAAG CTCACCGT 598

Name: 47 Len: 485 Check: 2256
AAATTCAGAA AGGAGTATTT GAGGTGAAAT CCACAAATGG GGATACCTTC TTAGGTGGGG 60
AAGACTTTGA CCAGGCCTTG CTACGGCACA TTGTGAAGGA GTTCAAGAGA GAGACAGGGG120
TTGATTTGAC TAAAGACAAC ATGGCACTTC AGAGGGTACG GGAAGCTGCT GAAAAGGCTA180
AATGTGAACT CTCCTCATCT GTGCAGACTG ACATCAATTT GCCCTATCTT ACAATGGATT240
CTTCTGGACC CAAGCATTTG AATATGAAGT TGACCCNGTG CTCAATTTGA AGGGATTGTC300
ACTGATCTAA TCAGAAGGAC TATCGCTCCA TGCCAAAAAG CTATGCAAGA TGCAGAAGTC360
AGCAAGAGTG ACATAGGAGA AGTGATTCTT GTGGGTGGCA TGACTAGGAT GCCCAAGGTT420
CAGCAGACTG TACAGGATCT TTTTGGCAGA CCCCAAGTAA AGCTGTCAAT CCTGATGANG480
CTGNG 485

Name: 48 Len: 293 Check: 744
AAAGAAATGA ATTGCAGCAG ACTATTAATA AATTAACCAA GGACCCTGGA AGCTGAACAA 60
CAGAAGTTGT GGAATGAGGA GTTAAAATAT GCCAGAGNAN NGAAGCGATT GAAACACAAT120
TAGCAGAGTA TCACAAATTG GCTAGAAAAT TAAAACTTAT TCCCTAAAGG TGCTGAGAAT180
TCCAAAGGTT ATGACTTTGA AATTAAGTTT AATCCCCGAG GCTGGTGCAA CTTGCCTTGT240
CAAATACAGG GCNCAAGNTT TATGTACCCC CTTAAGGAAC NCCCGAATGG AAA 293

Name: 49 Len: 632 Check: A95
GGCACAGAAT CAAAAGTTTC TGTGGGAATT TTAAATATAA AACTTGAAAT GTATCCACCA 60
CTCAATCAAA CGTTATCTCA AGAAGTAGTG AACACACAGC TTGCTTTGGA ACGTCAGAAA120
ACTGCAGAGA AAGAGCGATT ATTTCTTGTA TATGCTAAGC AGTGGTGGAG AGAATATTTG180
CAAATTCGAC CCTCACACAA CTCACGACTG GTTAAGATTT TTGCACAGGA TGAAAATGGG240

2.2.1

ATAAATAGAC CAGTCTGTTC CTATGTTAAA CCACTTCGAG CTGGACGGCT TCTTGATACT300
CCAAGGCAAG CAGCAAGATT TGTTAATGTC CTTGGTTATG AACGAGCCCC TGTTATTGGA360
GGAGGAGGTA AACAGGAGCA GTGGTGCACT CTGCTGGCCT TTCTCTGTAG AAACAAGGGT420
GACTGTGAAG ATCACGCTAA CCTTCTGTGC AGCCTTCTTC TTGGATATGG ATTAGAAGCC480
TTTGTTTGTG TTGGGACCAA GGCAAAAGGA GTACCTCATG CATGGGTTAT GACTTGTGGA540
ACTGATGGGG GCATCACTTT TGGGAGAGTT TANAGGACCC AGTACCTCCC TAAACCTACN600
AATCCCGATG AACCTCCANT GCTGAACAGN CC 632

Name: 5 Len: 603 Check: 1CFB
AGGACGACCT CCACTTCATA NAAAACGAGT AGAAGATGAG AGTCTGGATA ACACATGGCT 60
AAACAGGACT GACACCATGA TTCAGACTCC TGGCCCCCTG CCAGCACCAC AACTCACATC120
CACTGTACTG CGGGAGAACA GTCGGCCCAT GGGAGACCAG ATTCAAGAAC CTGAGTCTGA180
ACATGGTTCT GAACCAGACT TTTTACACAA TCCTCAGATG CAGATCTCTT GGTTAGGCCA240
GCCGAAGTTA GAAGACTTAA ATCGGAAGGA CAGAACAGGA ATGAACTACA TGAAAGTGAG300
AACTGGAGTG AGGCATGCTG TTCGGGGGTCT AATGGAGGNA GATGCTGAGC CCATCTTTGA360
AGATGTGATG ATGTCATCCC GAAGCCAGTT AGAAGATATG AATGGAAGAA TTTGGAGGAC420
ACCATGGGTT ATTGATCTGC CTCCCATCAA GAAATCGGCG AGANGAGAGC TGAGCTAAGG480
CCCAGACTTC CTTTGACTCT GCCANTTATC CATNGGAGNT GGATTCANGG ATTTGGGAAT540
GCCCTATGGT TCCTGAAGTN CTGGGAGGAA ATTTTCCAAA CCTNGGACCC CTATTAATTT600
TGG 603

Name: 50 Len: 582 Check: 181
CCAAGCCATC CAAAATCCCC AAGCCCCCGA AGCCCCCTAA GCCCCCAAGG CCCCCCAAAA 60
CGCTGAAGCT CAAAGATGGA GGCAAGAAGA AAGGGAAGAA GTCCCGGGAG TCAGCCTCAC120
CCACCATCCC CAACCTGGAC CTGCTCGAAG CCCACACCAA GGAGGCACTG ACCAAGATGG180
AGCCGCCCAA GAAGGGCAAG GCCACAAAGA GTGTCCTGAG TGTGCCCAAC AAAGATGTGG240
TTCACATGCA GAATGATGTG GAGAGGCTGG AAATTCGAGA GCAAACCAAG AGCAAGTCAG300
AGGCCAAGTG GAAGTACAAG AACAGCAAAC CTGACTCCTT ACTGAAGATG GAAGAGGAGC360
AGAAGCTAGA GAAGTCGCCT CTAGCTGGAA ACAAAGACAA TAAGTTCTCT TTTTCTTTCT420
CCAACAAGAA ACTCCTCGGC TCCAAGGCTC TCAGGCCCCC GACGAGCCCT GGTGTGTTCG480
GGGCCTTGCA GAACTTCAAG GAGGACAAGC CCAAGCTCGT GCGGGATGAG TATGAGTACG540
TGTCGGATGA CGGTGAGCTT CAGATCGACG AGTTTCCCAT CC 582

Name: 51 Len: 523 Check: 1E87
GGTGAGCTGC GACGTGACTG GCTAGCTGCG TGGGTACTGG AACAAGCAAA CGAGGCAGCG 60
AGCGAAGGAC GGGAGCCGGA CCCTGGGCCC CGTGGAACTC CAGCCTGCGC CACCACGTCA120
CGCACACGCT CGGCGCTGCG ATCCGCGCAT ATAACGATAT TTGGATTTGA CCTGCATTTT180
GGAATTTATC TACACTTAAA ATGCCACCAG CAGTTGGAGG TCCAGTTGGA TACACCCCCC240
CAGATGGAGG CTGGGGCTGG GCAGTGGTAA TTGGAGCTTT CATTTCCATC GGCTTCTCTT300
ATGCATTTCC CAAATCAATT ACTGTCTTCT TCAAAGAGAT TGAAGGTATA TTCCATGCCA360
CCACCAGCGA AGTGTCATGG AATATCCTCC ATAATGTTGG CTGTCATGTA TGGTGGAGGT420
CCTATCAGCA GTATCCTGGT GAATAAATAT GGAAGTCGTA TAGTCATGAT TGTTGGTGGC480
TGCTTGTCAG GCTGTGGCTT GAATTGCAGC TTCNTTCTGT AAN 523

Name: 52 Len: 348 Check: 1165
GCANGCGCAA NTACCGGCGC TCGCCAAGGA CCCTGGAAGC TACCGTTACC CCGCCGGCAG 60
CGTGGGCNCA TGAGCAGCTC GGGACTGAAT TCGGAGAAGG TAGCTGCTCT GATACAGAAA120
CTGAATTCCG ACCCCCAGTT CGTACTTGCC CAGAATGTCG GGACCACCCA CGACCTGCTG180
GACATCTGTC TGAAGCGGGC CACGGTGCAG CGCGCGCANA TGGTGTTCCA GCACGCCGTG240
CCCCAGGAGG GAAAGCCAAT CACCAACCAG AAGAGCTCAG GGCGATGCTG GATCTTTTCT300
TGTCTGAATG TTATGAGGCT TCCATTCATG AAAAAGTTAA ATATTGAA 348

Name: 53 Len: 355 Check: 1808
GGCGGCGNCG GCGGCGTANT ANGNAGGGTG CACAGAGAAC ACCCCTAGCA TGAACAGTGT 60
GAGGATTCCA CCAGCTTTTT CACCATGAAG GAGACAGACC GGGAGCCGTT GCGACANAGG120
TGCAAAGGGT TGCTGGGATG CTCCAGCGCC CGGACCAGCT GGACAAGGTG GAGCAGTATC180
GCAGGAGAGA AGCGCGGAAG AAGGCCTCCG TGGACANGAA TTTGAAGAGA GCGGATCTGA240
AAGCTCAGGT GCCCGATTCT GTCCTGTGGG TCAGCCGTCC TGGGGCCAAG TTGTGGTGCT300
GGCTGAACAG CAGGAACTCC CCCGCCCCAA AGCCAGTTGA AGTTCCTGAC CGTTC 355

Name: 54 Len: 330 Check: 2652
AACNATGCNG TTTTCTCCTT CTACACACTT GGGCGTCATG TCTGGAGCTG CAGAGGAGGT 60
GGCCACTGGA GCAGAGGTGG TGGATCTGCT GGTGGCCATG TGTAGGGCAG CTTTAGAGTC120
CCCTAGAAAG AGCATCATCT TTGAGCCTTA TCCCTCTGTG GTGGACCCCA CTGATCCCAA180
GACTCTGGCC TTTAACCCTA AGAAGAAGAA TTATGAAGCG GCTTCAGAAA GCTCTGGGAT240
AGTGTGATGT CTATTCCGGG AGATGACCCA GGGCTCATAA TTTGGAAATC AAGAAACAGA300
TGGACAAAGT TTGGATCCCC CTGGGCCCAT 330

Name: 55 Len: 451 Check: 1D60
TCNGACAGAA AAGCTGTACG TTATATGTTG GAAATCTTTC TTTTTACACA ACTGAAGAAC 60

2222

AAATCTATGA ACTCTTCAGC AAAAGTGGTG ACATAAAGAA AATCATTATG GGTCTGGATA120
AAATGAAGAA AACAGCATGT GGATTCTGTT TTGTGGAATA TTACTCACGC GCAGATGCGG180
AAAACGCCAT GCGGTACATA AATGGGACGC GTCTGGATGA CCGAATCATT CGCACAGACT240
GGGACGCAGG CTTTAAGGAG GGCAGGCAAT ACGGCCGTGG NGAATCTGGG GGCCAGGTTC300
CGGGATGAAG TATCCGGCAG GACTACCGAT GCTGGGAAGA GGAGGCTAAT GGGAAAACTG360
GCACAGAACC AGTGAGTGGT TGAGAGCTCT GTCAGTGACA AACACTCCTT TGGCCTGTTT420
GAATTTGCTG AAGAACATCA CCTAAAGTCG G 451

Name: 56 Len: 355 Check: 1FCB
GGATGTGGAG TGATGGGAAC GGTTCACATA CTGACTGTGG ATCTCAAGTA TACCATTGAA 60
AACCCAAGGC ACTTTGTGGA CTCACACCAC CAGAAGCCTG TTAATGCTAT CATCGAGCAT120
GTGCGGGACG GCAGTGTGGT CAGGGCCCTG CTCCTCCCAG ATTACTACCT GGTTACAGTC180
ATGCTGTCAG GCATCAAGTG CCCAACTTTT CGACGGGAAG CAGATGGCAG TGAAACTCCA240
GAGCCTTTTG CTGCAGAAGC CAAATTTTTC ACTGAGTCGC GACTGCTTCA GAGAGATGTT300
CAGATCATTC TGGAGAGCTG CCACAACCAG AACATTCTGG GTACCATCCT TCATC 355

Name: 57 Len: 468 Check: 291
TTGTTCTGGA TTCCCGTCGT AACTTAAAGG GAAATTTTCA CAATGTCCGG AGCCCTTGAT 60
GTCCTGCAAA TGAAGGAGGA GGATGTCCTT AAGTTCCTTG CAGCAGGAAC CCACTTAGGT120
GGCACCAATC TTGACTTCCA GATGGAACAG TACATCTATA AAAGGAAAAG TGATGGCATC180
TATATCATAA ATCTCAAGAG GACCTGGGAG AAGCTTCTGC TGGCAGCTCG TGCAATTGTT240
GCCATTGAAA ACCCTGCTGA TGTCAGTGTT ATATCCTCCA GGAATACTGG CCAGAGGGCT300
GTGCTGAAGT TTGCTGCTGC CACTGGAGCC ACTCCAATTG CTGGCCGCTT CACTCCTGGA360
ACCTTCACTA ACCAGATCCA GGCAGCCTTC CGGGAGCCAC GGCTTCTTGT GGTTACTGAC420
CCAGGGCTGA CCACAGCTCT CAAGGGGCAT CTTATGTTAC CTACCTAC 468

Name: 58 Len: 394 Check: E20
ACAGTGTGCC TTCAGCCCGA GGACTCGGAC TCGGCTCAGA CTCCGGTTCT TTGTTTCCTG 60
GAAGGTGGCA CGGGGACTCA GGCGGCCAGG GTCGAGGGCC AGGTCCAAGG TCACAGAGCT120
TTGGAGGTCA CCTGTAGGCG GTCGCAGGGA CGGCGTTGAG ACAGGAACTC CTTGGGTGGA180
CAATGAGCAG GGTGGGAGAC AGGGGCCTGG GATGGGGGAC TCCAGAGGTC AGGGTGTCCT240
GGGTTGGAGG GGAGGGGACT CACGGCTCCC AAGCAGGTTC TTAGAACGTT TGTCAATGTA300
AAGGCAGATG TTGGACTGTA CCAGGGTCTG CTCAGAGACC ACCTGCTCCC GACACTCAAA360
CGCAGACCTG GGGATCTCGG CAGGTATGAA CTGC 394

Name: 59 Len: 296 Check: 10B1
GCCAGGCGTA CTGACAGGTG GACCAGCGGA CTGGTGGAGA TGGCGACGCT CTCTCTGACC 60
GTGAATTCAG GAGACCCTCC GCTAGGAGCT TTGCTGGCAG TAGAACACGT GAAAGACGAT120
GTCAGCATTT CCGTTGAAGA AGGGAAAGAG AATATTCTTC ATGTTTCTGA AAATGTGATA180
TTCACAGATG TGAATTCTAT ACTTCGCTAC TTGGCTAGAG TTGCAACTAC AGCTGGGGTA240
TATGGCTCTA ATCTGATGGA CCATACTTTA GATTGATCAC TTGGTTGGTA GGTTTA 296

Name: 6 Len: 573 Check: EDF
GCGACNCGCC GAGCCTCGTC AGCCTGCGCA GCCCCTCACA GGAGGCCCAG CCCGAGTGCA 60
GTCCAGAAGC CCCCCCAGCG GAGGCGNCAG AGTAAAAGAG CAAGCTTTTG TGAGATAATC120
GAAGAACTTT TCTCCCCCGT TTGTTTGTTG GAGTGGTGCC AGGTACTGGT TTTGGAGAAC180
TTGTCTACAA CCAGGGATTG ATTTTAAAGA TGTCTTTTTT TATTTTACTT TTTTTTAAGC240
ACCAAATTTT GTTGTTTTTT TTTTTTCTCC CCTCCCCACA GATCCCATCT CAAATCATTC300
TGTTAACCAC CATTCCAACA GGTCGAGGAG AGCTTAAACA CCTTCTTCCT CTGCCTTGTT360
TCTCTTTTAT TTTTTATTTT TTCGCATCAG TATTAATGTT TTTTGCATAC TTTGCATCTT420
TATTCAAAAG TGTAAACTTT CTTTGGTCNA ATCTATGGGA CATGGCCCAT ATATGGAAGG480
AGATGGGGTG GGGTCAAAAA GGGGATATCA AATGAAAGTG GATAGGGGGC CACAATGGGG540
GAAATTGAAG TGGGGGNATA ACATGGCCAA AAT 573

Name: 60 Len: 426 Check: BE0
CGGGACTCCC GGGAAGTGGA CCGGCAGAAG AGGGGGCTAG CTAGCTAGTC TGTGCGGACC 60
AGGGAGACCC CCGCGCCCCC CCGGTGTGAG GCGGCCTCAC AGGGCCGGGT GGGCTGGCGA120
GCGACGCGCG CGCAGGAGGC TGTGAGGAGT GTGTGGAACA GGACCCGGGA CAGAGGAACC180
ATGGCTCCGC AGAACCTGAG CACCTTTTGC CTGTTGCTGC TATACCTCAT CGGGGCGGTG240
ATTGCCGGAC GAGATTTCTA TAAGATCTTA GGGGTGCCTC GAAGTGCCTC TATAAAGGAT300
ATTAAAAAGG CCTATAGGAA ACTAGCCCTG CAGCTTCATC CCGACCGGAA CCCTGATGAT360
CCACAAGCCC AGGAGAAATT CCAGGATCTG GGTGCTGCTT ATGAGGTTCT GTCAGATAGT420
GAGAAC 426

Name: 61 Len: 461 Check: 1AA2
CGCTTCCTGT ACAAGGGCGA GGGGCTGAAC AAGATCAGCC ATCGGGGACT ACCTGGGGGA 60
GAGGGAAGAA CTGAACCTGG CAGTGCTCCA TGCTTTTGTG GATCTGCATG AGTTCACCGA120
CCTCAATCTG GTGCAGGCCC TCAGGCAGTT TCTATGGAGC TTTCGCCTAC CCGGAGAGGC180
CCAGAAAATT GACCGGATGA TGGAGGCCTT CGCCCAGCGA TACTGCCTGT GCAACCCTGG240
GGTTTTCCAG TCCACAGACA CGTGCTATGT GCTGTCCTTC GCCGTCATCA TGCTCAACAC300

223

CAGTCTCCAC AATCCCAATG TCCGGGACAA GCCGGGCCTG GAGCGCTTTG TGGCCATGAA360
CCGGGGCATC AACGAGGGCG GGGACCTGCC TGAGGAGCTG CTCAGGAACC TGTACGACAG420
CATCCGAAAT GAGCCCTTCA AGATTCCTGA GGATGACGGG A 461

Name: 62 Len: 422 Check: 21C3
ATCAACAAGG AGATGCTAAA GGTTGGAAAG CAGAAAGCCT TGGTCAAGGA TACAGAGCTG 60
GACTTGCATG GGTATTAGGA GATGCTGAAG AACTGCCCTT TGATGATGAC AAGTTTGATA120
TTTACACCAT TGCCTTTGGG ATCCGGAATG TCACACACAT TGATCAGGCA CTCCAGGAAG180
CTCATCGGGT GCTGAAACCA GGAGGACGGT TTCTCTGTCT GGAATTTAGC CAAGTGAACA240
ATCCCCTCAT ATCCAGGCTT TATGATCTAT ATAGCTTCCA GGTCATCCCT GTCCTGGGAG300
AGGTCATCGC TGGAGACTGG AAGCCTATCA GTACCTTGTA GAGAGTATCC GAAGTTTCCG360
TCTCAGGAAG AGTTCAAGGA CATGATAGAA GATGCAGGCT TTCACAAGGT GACTTACGAA420
AG 422

Name: 63 Len: 280 Check: C60
AGAAGTAGAG CAGAAGAAGA AGCGGACCTT CCGCAAGTTC ACCTACCGCG GCGTGGACCT 60
CGACCAGCTG CTGGACATGT CCTACGAGCA GCTGATGCAG CTGTACAGTG CGCGCCAGGC120
GGCGGCTGAA CCGGGGCCTG CGGCGGAAGC AGCACTCCCT GCTGAAGCGC CTGCGCAAGG180
CCAAGAAGGA GGCGCCGCCC ATGGAGAAGC CGGAAGTGGT GAAGACGCAC CTTCGGGACA240
TGATCATCCT ACCCGAGATG GTGGGCAGCA TGGTGGGCGT 280

Name: 64 Len: 408 Check: A6C
CTGGGAGATG AAACAGAGGA AGAAGAAACA AAGCCCATTG AGCTCCCTGT CAAAGAGGAA 60
GAACCCCCTG AAAAAACTGT TGATGTGGCA GCAGAGAAGA AAGTGGTGAA AATTACATCT120
GAAATACCAC AGACTGAGAG AATGCAGAAG AGGGCTGAAC GATTCANTGT ACCTNTGAGC180
TTGGAGAGTA AGAAAGCTGC TCGGGCAGCT AGGTTTGGGA TTTCTTCAGT TCCAACAAAA240
GGTCTGTCAT CTGATAACAA ACCTATGGTT AACTTGGGAT AAGCTGAAGG AAAGAGCTCC300
AAAGATTTGG TTTGAATGTC TCTTCAATCT CCAGAAAGTC TTGAAGATGA TGAGGAAACT360
GAAAAAGAGG GAAGGAGCGA TTTGGGGATT GTCACAAGTT CAGCTGGA 408

Name: 65 Len: 463 Check: 10CC
AGCCGCTGGG GCGAGGACGG CGCGAGGCTG CTGCTGCTGC CCCCGGCCCG CGCGGCTGGA 60
AACGGAGAGG CCGAGCCAAG CGGCGGCCCC TCTTATGCTG GGAGGATGCT GGAGAGTAGC120
GGCTGCAAAG GCTGAAGGAG GGCGTGCTGG AGAAGCGCAG ACNGGGTTGT TGCAGCTCTG180
GAAGAAAAAG TGTTGCATCC TCACCGAGGA AGGGCTGCTG CTTATCCCGC CCAAGCAGCT240
GCAACACCAG CAGCAGCAGC AACAGCAGCA GCAGCAGCAG CAACAACAGC CCGGGCAGGG300
GCCGGCCGAG CCGTCCCAAC CCAGTGGCCC CGCTGTCGCC AGCCTCGAGC CGCCGGTCAA360
GCTCAAGGAA CTGCACTTCT CCAACATGAA GACCGTGGAC TGTGTGGAGC GCAAGGGCAA420
GTACATGTAC TTCACTGTGG TGATGGCAGA GGGCAAGGAG ATC 463

Name: 66 Len: 512 Check: 111A
CGCGCCAAGG GACGTGTTTC TGCGCTCGCG TGGTCATGGA GGCGCTGCCG CTGCTAGCCG 60
CGACAACTCC GGACCACGGC CGCCACCGAA GCTGCTTCTG CTGCCGCTAC TGCTGTTCCT120
GCTGCCGGCT GGAGCTGTGC AGGGCTGGGA GACAGAGGAG AGGCCCCGGA CTCGCGAAGA180
GGAGTGCCAC TTCTACGCGG GTGGACAAGT GTACCCGGGA GAGGCATCCC GGGTATCGGT240
CGCCGACCAC TCCCTGCACC TAAGCAAAGC GAAGATTTCC AAGCCAGCGC CCTACTGGGA300
AGGAACAGCT GTGATCGATG GAGAATTTAA GGAGCTGAAG TTAACTGATT ATCGTGGGAA360
ATACTTGGTT TTCTTCTTCT ACCCACTTGA TTTCACATTT GTGTGTCCAA CTGAAATTAT420
CGCTTTTGGC GACAGACTTG AAGAATTCAG ATCTATAAAT ACTGAAGTGG TAGCATGCTC480
TGTTGATTCA CAGTTTACCC ATTTGGCTGG GA 512

Name: 67 Len: 367 Check: 9A2
GGAGAGCAAC ATTAGGATCT ACAGCGAGAG GCCCCCTCCT GGCTGAGCAA AGATGACATC 60
CGAAGAATGC GACTCTTGGC GGACAGCGCA GTGGNCAGGG CTCCGGCCTG TGTCCTCTAG120
GAGCGGAGCC GTTTGCTGGT GCTGGAGGGG GGCGCACCTG GCGCTGTGCT CCGCTGTGGC180
CCTAGCCCCT GTGGGCTTCT CAAGCAGCCC TTGGACATGA GTGAGGTGTT TGCCTTCCAC240
CTAGACAGGA TCCTGGGGCT CAACAGGACC CTGCCGTCTG TGAGCAGGAA AGCAGAGTTC300
ATCCAAGATG GCCGNCCATG CCCCATCATT CTTTGGGATG CATCTTTATC TTCAGCAAGT360
AATGACA 367

Name: 68 Len: 402 Check: 19DD
TGCAGATGTA GATCCTGAAA ACCAGAACTT TTTACTTGAA TCGAATTTGG GGAAGAAGAA 60
GTATGAAACA GAATTTCATC CAGGTACTAC TTCCTTTGGA ATGTCAGTAT TTAATCTGAG120
CAATGCGATT GTGGGCAGTG GAATCCTTGG GCTTTCTTAT GCCATGGCTA ATACTGGAAT180
TGCTCTTTTT ATAATTCTCT TGACATTTGT GTCAATATTT TCCCTGTATT CTGTTCATCT240
CCTTTTGAAG ACTGCCAATG AAGGAGGGTC TTTATTATAT GAACAATTGG GATATAAGGC300
ATTTGGATTA GTTGGAAAGC TTGCAGCATC TGGATCAATT ACAATGCAGA ACATTGGAGC360
TATGTCAAGC TACCTCTTCA TAGTGAAATA TGAGTTGCCT TT 402

Name: 69 Len: 545 Check: 240C
GCGGCGTGCG GCACGTNNCA GGGCTGAAGC GGCGGCGGCG GTGGGGNCTG CACGTAGCCC 60

GGCGCTCGGC ATGGCTCTCC TGGTGCTCGG TCTGGTGAGC TGTACCTTCT TTCTGGCAGT120
GAATGGTCTG TATTCCTCTA GTGATGATGT GATCGAATTA ACTCCATCAA ATTTCAACCG180
AGAAGTTATT CAGAGTGATA GTTTGTGGCT TGTAGAATTC TATGCTCCAT GGTGTGGTCA240
CTGTCAAAGA TTAACACCAG AATGGAAGAA AGCAGCAACT GCATTAAAAG ATGTTGTCAA300
AGTTGGTGCA GTTGATGCAG ATAAGCATCA TTCCCTAGGA GGTCAGTATG GTGTTCAGGG360
ATTTCCTACC ATTAAGATTT TTGGATCCAA CAAAAACAGA CCAGAAGATT ACCAAGGTGG420
CAGAACTGGT GAAGCCATTG TAGATGCTGC GCTGAGTGCT CTGCGCCANT CGTGAAGGAT480
CGCTCGGGGG ACGAAGCGGA GGATACAGTT CTGGAAAACA AGGCAGAAGT GATAGTTCAA540
GTAAG 545

Name: 7 Len: 487 Check: 1EF0
TAAGGGTTTC TCTACTATGT CCACTTGGTA AAATGCGGCT GACAATTCCG TGTCGGGCCC 60
TTACATGTTC TCATCTACAA TGTTTTGACG CAACTCTTTA CATTCAGATG AATGAGAAAA120
AACCAACCTG GGTTTGTCCT GTCTGTGATA AGAAGGCTCC ATATGAACAC CTTATTATTG180
ATGGCTTGTT TATGGAAATC CTAAAGTACT GTACAGACTG TGATGAAATA CAATTTAAGG240
AGGATGGCAC TTGGGCACCG ATGAGATCAA AAAAGGAAGT ACAGGAAGTT TCTGCCTCTT300
ACAATGGAGT CGATGGATGC TTGAGCTCCA CATTGGAGCA TCAGGTAGCG TCTCACCACC360
AGTCCTCAAA TAAAAACAAG AAAGTAGAAG TGATTGACCT AACCATAGAC AGTTCATCTG420
ATGAAGAGGA AGAAGAGCCA TCTGCCAAGA GGACCTGTCC TTCCCTATCT CCCACATCNA480
CCACTAG 487

Name: 70 Len: 359 Check: 1930
GCCTACTGCA CCGCCGACCA CAACGTGAGC CCCAACATCT TCGCCTGGGT CTACAGGGAG 60
ATCAATGATG ACCTGTCCTA CCAGATGGAC TGCCACGCCG TGNAGTGCGA GAGCAAGCTC120
GAGGCCAAGA AACTGGCCCA CGCCATGATG GAGGCCTTCA GGAAGACTTT CCACAGTATG180
AAGAGCGACG GGCGGATCCA CAGCAACAGC TCCTCCGAAG AGGTTTCCCA GGAATTGGAA240
TCCGATGATG GCTGAATGAA CTTTNAGACG CTTNAGCAAA GGCAGCATTG GTCACGGGGT300
TCAAGGGAAT TAGATTGAGT AAGCAACGTT TCAAATTTGG GATGAAAGAT TTCCAAATT 359

Name: 71 Len: 392 Check: 1BC4
CTATGTNGCA ATTCCAAGAC CAAGTCAGTA GTATTACAGC TGGCTGATGG CCAGATATTT 60
AAGTACCTTT GGGAGTCACC TTCTCTGGCT ATTAAACCAT GGATGAACTC TGGTGGATTT120
CCTGTTCGGT TTCCTTATCC ATGCACCCAG ACCGAATTGG CCATGATTGG AGAAGAGGAA180
TGTNTCCTTG GTCTGACTGA CAGGTGTCGC TTTTTCATCA ATGACATTGA GGTTGCGTCA240
AATATCACGT CATTTGCAGT ATATGATGAG TTTTTATTGT TGACAACCCA TTCCCATACC300
TGCCANTGTT TTTGCCTGAG GGATGCTTCA TTTAAAACAT TACAGGCCGG CCTGAGCAGC360
AATTCATGTG TCCCATGGGG AAGTTTCTGC GG 392

Name: 72 Len: 344 Check: 65D
GAGTTCACAG ACCGCACTTT GGCACGTTGT CCTCACTGCA GGAAAGTGTC ATCTATTGGG 60
CGCAGATACC CACGTAAGAN ATGTATCTNC TGCTTCTTGC TTGGCTTGCT TTTGGCAGTC120
ACTGCCACTG GCCTTGNCTT TGGCACATGG AAGCATGCAC GGCGATATGG AGGCATCTAT180
GCAGCCTGGG CATTTNTCAT CCTGTTGGCT GTGCTGTGTT TGGGCCGGGC TCTTTATTGG240
GCCTGTATGA AGGTCAGCCA CCCTGTCCAG AACTTCTCCT GAGCCTGATG ACCCACAGAC300
TGTGCCTGGN CCCTCCCTGG TGGGGACAGT GACACTACGA AGGG 344

Name: 73 Len: 311 Check: 1E74
GTGGGATGGG GTGCCCTTCA TCCTGCGCTG CGGCAAGGCC CTGAACGAGC GCAAGGCCGA 60
GGTGAGGCTG CAGTTCCATG ATGTGGCCGG CGACATCTTC CACCAGCAGT GCAAGCGCAA120
CGAGCTGGTN ATCCGCGTGC AGCCCAACGA GGCCGTGTAC ACCAAGATGA TGACCAAGAA180
GCCGGGCATG TTCTTCAACC CCGAGGAGTC GGAGCTGGAC CTGACCTACG GCAACAGATA240
CAAGAACGTG AAGCTCCCTG ACGCCTATGA GCGCCTCATC CTGGACGTCT TCTGCGGGAC300
CAGATGCACT T 311

Name: 74 Len: 176 Check: 1B5C
CTGTTCCTTG GAAATGTTTG ATGCTACTCT GAAAGATCGA GAACTGAGCT TTCAGTCGGC 60
TCCAGGTACT ACCATGTTTC TGCATTGGCT AGTGGGAATG GTATATGTNT TCTACTTTGC120
CTCCTTCATT CTACTACTGA GAGAGGTACT TNGACCTGGT GTCCTGTGGT TTCTAA 176

Name: 75 Len: 276 Check: 120F
CCAAGATTGG TTCCAGCGCC AGTACCTGTC AACTCCAGAT AGTCAGTCTC TGCGCTGTGA 60
CCTCATTCGC TACATCTGTG GGGTAGTCCA NCCTTCTAAT GAAGTACTGA GTTCAGATAT120
CTTGCCCCGG TGGGCCATCA TTGGTTGGCT CCTGACAACG TGCACGTCAA ATGTCGCTGC180
CTCCAATGCC AAGCTGGCTT TGTTTTATGA CTGGCTGTTC TTTAGTCCAG ACAAGGATAG240
CATTATGAAC ATAGAACCAG CCATCCTGGT CATGCA 276

Name: 76 Len: 310 Check: 21A5
ACACCCTCCT GTGCAATGGG TATTGGCTTG CCTGGCTGAT TCATGTGGGA GAGTCCTTGT 60
ATGCCATAGT ATTGTGCAAG CATAAAGGCA TCACAAGTGG TCGGGCTCAG CTACTCTGGT120
TCCTACAGAC TTTCTTCTTT GGGATAGCGT CTCTCACCAT CTTGATTGCT TACAAACGGA180
AGCGCCAAAA ACAAACTTGA AGTTGTCTGA AAGCTTGCTC TACACTTTTA CATTCATCCT240

223

CACCCTTTTT TTTGTGGGGT AGAGGAGGTT GCAGTANTTT ACTCAGTGAT CTTTCTACTT300
TCTAGAAACT 310

Name: 77 Len: 295 Check: 102E
CCTCACTGCT ATGGGCCGCA ACAAGAAGAA GAAGCGAGAT GGTGACGACC GGCGGCCGAG 60
GCTCGTTCTT AGCTTCGACG AGGAGAAGAG GCGGGAGTAC CTGACAGGCT TCCACAAGCG120
GAAGGTCGAG CGAAAGAAGG CAGCCATTGA GGAGATTAAG CAGCGGCTGA AAGAGGAGCA180
GAGGAAGCTT CGGGAGGAGC GCCACCAGGA ATACTTGAAG ATGCTGGCAG AGAGAGAAGA240
GGCTCTNGAG GAGGCAGATG AGCTGGACCG GTTGGTGACA GCAAAGACGG AGTCG 295

Name: 78 Len: 406 Check: 233D
CAAAAAGCTG GTNGCCTCCA GACCCGACTT TTTCAACCAG GAGCACCAGA CACGGGATGT 60
GGACTGTGTC CTCACAACAG GAGAAGTTTT CAGGTTGCTG GNGGNAGAGG GGGCTCGGGG120
GGCTACCTGG AGCACGTGTT CCGGCACGCG GCCCGAGAGC TCTTTGGAAT CCATGTGGCT180
GAGGTTACCT ACAAACCCCT GAGGAACAAA GACTTCCAGG AGGTGACACT NGAGAAGGAG240
GGCCAGGTGC TGCTGCACTT CGCAATGGCG TACGGCTTCC GCAACATCCA GAACCTGGTG300
CAGAGGCTCA AACGAGGGCG CTGCCCCTAC CACTACGTGN AGGTCATGGC CTGCCCCTCA360
GGCTGCCTGA ACGGCGGGGG GCCAGCTCCA GGTCCCAGAC AAGGCC 406

Name: 79 Len: 288 Check: 18D6
AAGAAGGAGA GGAAGGAGAA GAGACGGCAG AGGANGGGGG AAGAGTGCAG CCTGCCTGGC 60
CTCACTTGCT TCACGCATGA CAACAACCAC TGGCAGACAG CCCCGTTNTG GAACCTGGGA120
TCTTTCTGTG CTTGCACGAG TTCTAACAAT AACACCTACT GGTGTTTGCN TACAGTTAAT180
GAGACGCATA ATTTNNTTTT CTGTGAGTTT GCTACTGGCT TTTTGGAGTA TTNNGATATG240
AATACAGATC CTTATCAGCT CACAAATACA GTGCACACGG TTAGAACG 288

Name: 8 Len: 168 Check: E5E
CAAATTTGTG TTGTATATAT TCGTATTCCA TGTGTTAGAT GGAAGCATTT CCTATCCAGT 60
GTGAATAAAA AGAACAGTTG TAGTAAATTA TTATAAAGCC GATGATATTT CATGGCAGGT120
TATTCTACCA AGCTGTGCTT GTTGGTNTTT TCCCATGACT GTAATGCT 168

Name: 80 Len: 322 Check: 1995
AAACAGCAGC TGGTGGTTAA CAAGTGGATC GTCATGTTCA GTAGTTTATA CATTATGTGA 60
GAAGTAACGT TCTGATTCTT TTTCTTACAC AGAATTGGCA GAGGGGGTCG ATTTGGGAGG120
AAAGGTGTGG CTATAAACTT TGTTACTGAA GAAGACAAGA GGATTCTTCG TGACATTGAG180
ACTTTCTACA ATACTACAGT GGAGGAGATG CCCATGAATG TGGCTGACCT TATTTAATTC240
CTGGGATGAG AGTTTTGGAT GCAGTGCTCG CTGTTGCTGA ATAGGCGATC ACAACGTGCA300
TTGTGCTTCT TTCTTTTGGG GA 322

Name: 81 Len: 361 Check: 2C4
ATTCTCTAAA ATGCTTAATG CCTTTGAAAT TTTGTAATCA AAAAAAAGCT TTGAAAAAAT 60
CTAAAGGGGA GAGTATTCTT TAAAGTTTTT AACATAAGCT TGTCAATGCA CATGTAGATG120
GTTAGCATGT TTAGCAAACC TTGTGAAATT ATAATAAGTT TGTAGTTACA TGTGAAACTC180
TAAATGCATG GCAACTGTTA ATGTCATAAC AGTTTAGTTA TTTTGTTCTG TTCTGTCATG240
TGCCACAAAA TATGTACTTT TTTCACTTTT TTCCCTTTGT ATATCAGTTA CGGGTTACAA300
CTGGTTCATT CTGAAAACAA CAACAACAAA AGTCCATTCA TATTTTTTAA CCATTGTATA360
G 361

Name: 82 Len: 206 Check: 7A3
TTTTTTTTTT TAGTAGTTGC AACTTCAGCA CATCTTTATT AGAACTCTTT CATTGTGGGT 60
AAACAGCCAC AAAAATAAAT GCTGACTTAG AAAGTATAAA CGCAAATATT TAAACAAAAA120
TGTTTGCAGC ATTCATAGCG CAAATTGTAC CTGAACTGGA AAGCCGAATT CTGCAGATAT180
CCATCACACT GGCGGCCGCT CGAGCA 206

Name: 83 Len: 563 Check: 815
CATCAGCTCT CTTCGTTGCT GTGGGAACAC TGGCCAGAGG TGTACCACTG CGAGGCGACT 60
GTTTATACAT GAAAGCATCC ATGATGAGGT TGTAAACAGA CTTAAAAAGG CCTATGCACA120
GATCCGAGTT GGGAACCCAT GGGACCCTAA TGTTCTCTAT GGGCCACTCC ACACCAAGCA180
GGCAGTGAGC ATGTTTCTTG GAGCAGTGGA AGAAGCAAAG AAAGAAGGTG GCACAGTGGT240
CTATGGGGGC AAGGTTATGG ATCGCCCTGG AAATTATGTA GAACCGACAA TTGTGACAGG300
TCTTGGCCAC GATGCGTCCA TTGCACACAC AGAGACTTTT GCTCCGATTC TCTATGTCTT360
TAAATTCAAG AATGAAGAAG AGGTCTTTGC ATGGAATAAT GAAGTAAAAC AGGGACTTTC420
AAGTAGCATC TTTACCAAAG ATCTGGGCAG AATCTTTCGC TGGCTTGGAC CTAAAGGATC480
AGACTGTGGC ATTGTAAATG TCAACATTCC AACAAGTGGG GCTGAGATTG GAGGTGCCTT540
TGGAGGAGAA AAGCACACTG GTG 563

Name: 84 Len: 450 Check: 97B
ATTTGGTGTG TTCATGAACA CGCTAAATGG CTTGGTAAAT GGGTGTGGTT CAAAGCCTGA 60
TGCTTCAAGA TCTCTGGTTT GAATTTGGTC ACAACCAGGA AGTATTGCCC CTTTTTCTGT120
CTGGGTCCTC AATAGGAACT TTTCATACCA GCCATAAACA ATCCAGATGG CTGCCACGTG180
GTCCTTACCA GTGAGAGGCG TCACACAGCA CACACTGCAT GAATGGGGAT GAAATCATTC240
CTGAATTAAT ATAGGGTTAT ATTACTTGGA CCTCAGCCAT TTGAGCCTCA GTGTCTGCAT300

2226

CATATGTGTT TAGTATATGG ACATCTAACT GAAATTATTA ACGTGGCAAT TTATGCGTGC360
CTTTTTTGGA AATATTCTAT TTTAATGGAA AGAATTATGT AGAAATACTG GATACATTTT420
TAAAAACATC CATAATTCAC CATCTTGACA 450

Name: 85 Len: 320 Check: 75F
CCATTAGTGT TCACACTCAG ACATTTTTGC CCAGCTCTAA GGTAACTTCA TCTATAGCTG 60
CTCAGACTGA TGCATTTATG GACACCTGTT TCCAGTCAGG TGGGGTCTCC AGAGAAACTC120
AAACCAGTGG GATAGAAAGT CCAACGGATG ACCATGTACA GATGGACCAA GCTGGAATGT180
GCGGAGACAT TTTTGAGAGT GTTCATTCAT CATATAATGT TGCTACAGGT AACATTATAA240
GCAACAGTTT AGTAGCAGAG ACAGTAACTC ATAGTTTGTT ACCTCAGAAT GAGCCTAAGA300
CTTTAAATCA AGATATTGAG 320

Name: 86 Len: 524 Check: 1602
AATTCGGCAC AGGGTGGGTC TTTGAGTTTC AGTGAGTTTG CTGAAATGTC GAAGAAGTAG 60
TTCCAAACTT CAATGTTCAA TGAAATTTTT GTTCAAGTTT GAAATGGAGA GAGCAGCTAT120
AAAAGGTACT AAGCCTTTTA CAAATTGGTG AGTACTGGCA CATGAGATCT AGAGCAGGAG180
CAACTTCTCA CACATAGTAA GTGGGAAAAG AAAGTGCTTT GAAAGTTCCT CCCTCACCTA240
CACAGTAGTC GTCATGTCGA GACCTGCCAG AGAGAGACAC ATTCTCAAGT GAATCCTGGC300
TTCTTGGAAG CGCTTGCCTA GACGAGACAC AGTGCATAAA AACAACTTTT GGGGGACAGG360
TATGTTTTCT TGCAGCTGCG GTTGTAAGGT CTTGGCAAGA CAAGCAGTGT GGCCAGAATT420
TTGAACTTCT GATGAATGTG TAATGCAAAG GACCTTGTAC ATTTTTTTGT TTCAAGGTCC480
TCAAAATGAG CACATGAAGA GGTTGCTGTG AAACTTTAAG TGGC 524

Name: 87 Len: 439 Check: 2297
CTCTGGGCCC CTCTCTTGGG TCTGTGCTGC AGTCTGGCCG CTGCTGATCG CCACACCGTC 60
TTCTGGAACA GTTCAAATCC CAAGTTCCGG AATGAGGACT ACACCATACA TGTGCAGCTG120
AATGACTACG TGGACATCAT CTGTCCGCAC TATGAAGATC ACTCTGTGGC AGACGCTGCC180
ATGGAGCAGT ACATACTGTA CCTGGTGGAG CATGAGGAGT ACCAGCTGTG CCAGCCCCAG240
TCCAAGGACC AAGTCCGCTG GCAGTGCAAC CGGCCCAGTG CCAAGCATGG CCCGGAGAAG300
CTGTCTGAGA AGTTCCAGCG CTTCACACCT TTCACCCTGG GCAAGGAGTT CAAAGAAGGA360
CACAGCTACT ACTACATCTC CAAACCCATC CACCAGCATG AAGACCGCTG CTTGAGGTTG420
AAGGTAACTG TCAGTGGCA 439

Name: 88 Len: 376 Check: 233
TGAATTGAAG GAGCTGCAAA AAACCTTTGA AATCTCCATT GGGAGAAAAG ATGAGGTGAT 60
TTCTAGCTTG TCTCATGCCA TAGGAAGCAA AAGGAAAAGA TAGAGTTGAT GAGAACATTC120
TTCCACTGGC GAATCGGCCA TGTCAGAGCC AGACAGGATG TTTATGAAGG TAAACTAGCT180
GACCAGTACT ACCAGAGAAC TTTACTGAAG AAAGTCTGGA AAGTCTGGCG TTCCGTAGTG240
CAAAAGCAGT GGAAAGATGT GGTAGAAAGA GCTTGTCAAG CAAGAGCTGA AGAAGTTTGT300
ATCCAGATTT CCAATGATTA TGAAGCCAAA GTTGCTATGT TATCTGGAGC TTTGGAAAAT360
GCAAAAGCTG AGATTC 376

Name: 89 Len: 341 Check: 7BF
GTGAGAACAG GTCCTACGAG GGCACTCTGT ACAAGAAGGG GGCCTTCATG AAGCCTTGGA 60
AGGCCCGCTG GTTCGTGCTG GACAAGACCA AGCACCAGCT GCGCTACTAC GACCACCGTG120
TGGACACAGA GTGCAAGGGT GTCATCGACT TGGCGGAGGT GGAGGCTGTG GCACCTGGCA180
CGCCCACTAT GGGTGCCCCT AAGACTGTGG ACGAGAAGGC CTTCTTTGAC GTGAAGACAA240
CGCGTCGCTT TACAACTTCT GTGCCCAGGA CGTGCCCTCG GCCCAGCAGT GGGTGGACCG300
GATCCAGAGC TGCCTGTCGG ACGCCTGAGC CTCCCAGCCC T 341

Name: 9 Len: 219 Check: 327
AGAGAGTGGT TCAAAGTAGA AGATGCTATC AAAGTTCTCC AGTGTCATAA ACCTGTACAT 60
GCAGAGTATC TGGAAAAGCT AAAGCTGGGT TGTTCCCCAG CCAATGGAAA TTCTACAGTC120
CCTTCCCTTC CGGATAATAA TGCCTTGTTT GTAACCGCTG CACAGACCTC TGGGTTGCCA180
TCTAGTGTAA GATAGAGAGA ACTGGGTAGG CCTCTCCCA 219

Name: 90 Len: 394 Check: B4E
CTTGGCGTTA CCAGTTATTA CCCAAGATGG AGATTGGACC AGTATCATCT TCAAGATTTG 60
GTCACTATTA TGATGCATCA AAAAGAATGC CACAAGAACT AATTGAGGCT TCAAATTGGC120
ATGGATTTTT TCTTCCAGAG AAAATATCTT CAACTCTCAA AGTAGAACCC TGTTCTTTGA180
CCCCTGGCTA CACAAAGCTG CTTCAGTTTA TCCAGAACAT CATTTATGAG GAAGGATTTG240
ATGGATCCAA TCCTCAGAAA AAACAGAGAA ACATTTTAAG AATAGGAATT CAGAATCTTG300
GCTCACCTTT ATGGGGAGAC GATATTTGCT GTGAGAAAAT GGTGGCAACA GTCACAGCCT360
TACCAAGTTC CTCTATGTTC TCCGTGGTCT TCTG 394

Name: 91 Len: 153 Check: 1C06
ACCCATGGGA TGAGTGTTTT ATTCATGCTG TTTCCAGGAA GGGATGTCAA AGCTGGACCA 60
GTCGAAACCC TTGGAGGCTT TTTTTGCAGT TGGCCACAGG GGTGTTGGAG GCCTGCTTAT120
GGGTCCTCGA TGTCGAGAAA CTCCTGCTTG GGG 153

Name: 92 Len: 479 Check: 1FC7
CATTGGGCCT CTAGATGCAT GCTCGAGCGG CCGCCAGTGT GATGGATATC TGCAGAATTC 60

227

GGCTTAGCGT GGTCGCGGCC GAGGTACATT CTTGTAGAAC CGGGTTCGTT TTTCCAGTTT120
TGTAGAAAAA TAGATGTTCC AGCCACCATT TACTTAACTG TCTAATATTT AAGACCAATC180
AATATGTTCC CTGGAAAGAT GAAAAAGTCT CATGACTAAC TCGTTTTTTT AAAAATTCTT240
TAAAACAAAA AGTGTGTGTG TGTGTGTGTG TGTGTTTACT CTCAAAGCAC AGCATTTCCA300
CAGCAGCAGC CAACATGGGG TTTAGTAGCT TCACTCACCC CTAACTAAAG CTTTGAATAA360
ACCAGTGATT TACTACAAAA AACACTGTCC TTGAAAGAAA NGACNGCAGT CATACATGAA420
CGTGAAACTT GGAATGATCA GGTCCTAAAC ATGGCACTTA AAAAGTTACT TATCAAAAC 479

Name: 93 Len: 560 Check: 25DE
TTTTTTTTGC CAGTGCCAGG ATAAAAAGCA AAATTTTAAA TTGGAAAATG TCTAGCACTT 60
TACACAGTGG AATGAAAGAA TACGAAATTC AAAAACATTA TTAAAAGTCC ATATGCCGCA120
GCAGCACGCG CCATGATGAG AGCTCCCCTT CCGAGGCGCT TCTGGAGCAG CTTCCTCAAC180
CTGTCCGGGA GACGGGCTCA GAAGAGCAGG GCCCCCATGC TGCCAACCTC GCTTTGCTCC240
TTAACGAAGA TCTCAAAGTA CTGGTAGATG ATTGTGACTG CGAGCAGGAT CCCGGTTCCA300
GACCCAATGG CGCCTAGGAA GTCAGCCAGG ACCGAGAGGG CCCCGATGCA CAGCCCACCA360
AAGGCCGCGG CTGTGGGGAT GTACCGGTTG AGTTCATGGA CCATGGAGGT CTCTCGGTGG420
CCTCTCATCA CCATCTGCTG CTCCTTCAGC TGCTTTGCAA CATCTTTGGC AGAGGAACCT480
GAGACCTCAA TCCACGTTTT GGAGAAGAAT GCACAGGAGC CCAGCATGAA CACTATGTAT540
ACAACTGCAT GGAACGGGTC 560

Name: 94 Len: 396 Check: 376
GACCTCTTAC CTTACTGATG CTGGCAAATA ACAAATACAG ATGGTAATAG ACTCTGGAAT 60
AGTTCCTCAT TTGGTTCCTC TGCTCAGCCA CCAGGAAGTT AAAGTTCAGA CTGCTGCACT120
TAGAGCTGTG GGCAACATTG TTACTGGAAC TGATGGGCAA ACACAAGTAG TTTTGAACTG180
TGATGCTCTT TCACACTTCC CAGCACTCCT GACACATCCC AAAGAGAAAA TTAATAAAGA240
AGCAGTGTGG TTCCTCTCCA ACATCACTGC AGGAAATCAG CAGCAGGTAC AGGCAGTAAT300
TGATGCCAAT CTTGTACCAA TGATAATACA CCTTTTGGAT AAGGGGGATT TTGGCCCAAG360
CAGCTTCTTT TTGAGTGCCA AGTCGACGCG GCCGGA 396

Name: 95 Len: 622 Check: 9F8
ATGGAGAGTC ACTTAATAAT AAATTTTCTC TATAGTAGGT AAATCCGATG AAAGGCAGCT 60
GATTTCCAAC AAAAGCTTTA GGAATTGGGA AGGTTTCTAC ATCTCCTTTG TCATCTTCAA120
TGTCATCGAA ATTGCTGCTG TCTATGTCAC TGCTGAGTTC AGGTACTACA GGAGCTGCCG180
TTTCTCTTAT GTTATCCCAA TGCCACTGAT CATTCTTAAA GAAAGGATGC TGTCTGATTT240
CTTCCACCCC ATTTCTCCCA AGTCGTACCT CCCTATCTGT TAAGAAAGCA CAGATGAGAT300
TCTTTGCATG TTTGGAAATT TCTGCATCTT CAGGGAAACA CAGTGAATTC TTATGATCCA360
TAATTTTGCT ATATGTTCCT ACAAGTGAAT CCGCATAAAA TGGAGTATCC CCCACTAGCA420
TCTCATAAAG GAAAACACCT ACAGACCACC AATCACATTC TCGCCCATAG AAACCATCAC480
CCCCTTGTGA TTTCAGAACC TCAGGTGATA TATAATCCGG TGTTCCAACT GCTGTATCAC540
AATGTACCAT GCCTGTTTCA TCCATCTTCA TACAGGTGCC AAAATCTGCT AATTTTAGAT600
GGTCATGTTT ATCACAGAGC AT 622

Name: 96 Len: 445 Check: 123B
GGAAGGGATG GAAAAAAGGA AAAGCAATAG AAACTGTCCA ATTCACATCA GTTATCCGTC 60
TGCTTTTTCT TGAGAGCTTG TGGAAGGTGT TAACGTGGCT GGGAACATCA ACACCTTGGC120
ATGCATGAAT GTTAAGTCAG GAAGGCCAGC GATCACCTTG ATAGCTTCTT CACTTAGGTG180
CTCTTCTCTT TTCGGTTTCC TGGTAGATGT GCTTGTCTTC TCTACTGTAG ACATGAGTCT240
TGCAAATGCA TCAGTCACTT TGAGGCTTGA GGTGGAGATT TCCAGCTTAG AAGTTGTTAA300
CTCATACAAC TCCGGATCCA CACCATCTAA AGGGTTAGTA AGGCCACTGC TACTCCAGTC360
AAACTGGACG GGTGGTAGAG ACTCCTGGAA CTGATCAGAT GTACATGTGT TCATATCTGG420
TGACATGGTG GCTGTCTGAC CGATG 445

Name: 97 Len: 541 Check: 147A
CTTCTTTCTC TTTATCCTGG AGCCCCTTTC TCTCAGGTAC TAGCGTAGAG GGTTAACCCA 60
CAGATCATTC TTGATAATCT CAGCAATCCT GTCAGCCTCT GGGAGGTATG GTTTGAGAAC120
CAGCTGAAAA AGCTGTGGCT CGCATCCTGG TTCCCGTGAC GACGGCCTGG GGTTCCTGGC180
CCCGGTGCCA GCGGATTGGG GTTGAGTGAG ACACCAGCCG GCCTGAGCGG TTGCGCTGGA240
ACTCCTTGAC AATCACCATG TTTGTGAAGT AGGGGTTAGT CTGGAAGTAC AGCTTCATTT300
TGTAGCCCAT GGAGATATGT CTGAGATCCT GTACCTGCAG AATGGGTCAA GTAGCGGAAA360
AATGTCTTCA TCACGTCGGT TGATCAAAAT TGGAATTCTG GGGTGGTTTA GGAACTGATG420
AGTGGAGTGC TTTGACCCAG AAGCCTGGGA TATGCCGGAT GATGAGGTCT CTGCGCTCCA480
GGAAGGGTCT TCGCATCTGG ATGAACTTGC GCTTGAGACG CATGAAGGCT TTGCTGCCTT540
G 541

Name: 98 Len: 384 Check: 4C9
ATTTGGACCG GCATGCAGGC AACTTCTTTT GTTGTTACAT ACCTGTATTA GGAAAATTAC 60
ACCCATTTTA CAGAAAAATC CCAAAACATA TACTGCAATA AGCTCAAAAC AATGTGAAAA120
AGACCAGTGT GAATGGCACA CAAAAATCGC CTCTTTATAA ATTAACTGGA ATTCATGATC180
ATGAAGTAGG CACAGGGAAA TCCAGTCCTC AGGGCTTTGC TCTCTGGAAG AACACCTTTA240

228

AGTAATTTTT AAAAACTTTA GCATCAGGCT GCTGAAGCGC TTGACAAAAC TCCTGAATTA300
TTCCTGGAGC TACTTGCAAG GAGGGCAGGT ATTCTTGTTG AAGATACTGA ACACATTCTG360
GGCCCCGTTT GAGATGAATT GTTT 384

Name: 99 Len: 535 Check: 1D3F

TTTTAATTTA CAAAAGGTAG GCTCCGTTTA TTAGAGTCAC ACACAACTGA CTATCTCAGT 60
GTGACTCAAG ACCACAAAAA ACCCATTTCT CCTTCACTTC TGAGTCCTGG GGTTAATACC120
TAGACCAGCA AGTGTACTGC TTGGGGTCCA TTCACAGGTT TACAAGTTTT TCATTGAGTG180
CAATCTGTGA CTGTGTGAGG TTGGCCAGGT AGGTCACCAT CAAAAGGTCA TTGATGTTGC240
TGTTGAGCAT GGTCTCAAAG TCATCGGGAA CTATTTTCGG TACTTGGTTA ACCAGGCTCA300
TCAGGAAGCG GCCCACAGTA TTGTCAGCTG ACACCTTTCC AGACAGTACA TCCTCTGCAT360
ATTGCAACAC TGTACTCAGG GCATCCTGGA TGCGAGCTGA TGCCCCTCCT ACTTGCTGCA420
AGTCACTTGA GAGTCCAATC ACTCTGTTGG GGCTAAAGCA GGTCTTCATG ATCAGGTCAA480
CTCCGATGCG TTCAGTGTCG TAGTACGCGT ATTTCACTGT CAGAGGGGTG AACAT 535

Figur 13

1	T59
2	T182
3	T82
4	T6
5	T34
6	N5
7	N20
8	N280
9	N271
10	N126
11	T148
12	N199
13	T64
14	N131
15	T20
16	T162
17	T141
18	N77
19	N104
20	T49
21	T16
22	N189
23	N28
24	T124
25	T216
26	T60
27	T37
28	T160
29	N101
30	N40
31	T54
32	T120
33	N159
34	T185
35	N151
36	T147
37	N188
38	T25
39	T47
40	T43
41	T139
42	T176
43	N144
44	T35
45	T98
46	T15
47	T138
48	N21
49	T76
50	T103
51	T143
52	T44
53	N31
54	T243
55	N129
56	T193
57	T132
58	T137
59	T217
60	T191
61	N42
62	T156
63	T67

64 N196
65 T21
66 N34
67 N134
68 T119
69 N36
70 N209
71 N256
72 T105
73 T75
74 T153
75 T189
76 T86
77 T111
78 T144
79 N192
80 N103
81 N270
82 N255
83 N61
84 N137
85 T174
86 N22
87 T2
88 T237
89 T19
90 N156
91 N59
92 N235
92 N248
92 N249
92 N252
92 N257
93 T38
94 T121
95 N10
96 T129
97 T66
98 T36
99 T40
100 N1
101 N212
102 T100
103 N112
104 N3
105 N238
106 T183
107 T238
108 T166
109 N29
110 T225
111 N175
112 N142
113 T72
114 N186
115 T212
116 T196
117 T48
118 N132
119 N158
120 T69
121 N7
122 T245

123 N102
124 T208
125 N44
126 T205
127 T215
128 N283
129 T226
130 T253
131 T222
132 N264
133 T240
134 N70
135 T125
136 N253
137 N234
138 N55
139 N202
140 N82
141 T45
142 T118
143 T10
144 N71
145 N183
146 N165
147 N213
148 N35
149 N182
150 N43
151 N75
152 T163
153 T89
154 N11
155 N32
156 T50
157 N215
158 N242
159 N181
160 N48
161 T227
162 N149
163 N109
164 N260
165 T219
166 T61
167 N85
168 N45
169 T250
170 N261
171 T172
172 N62
173 N160
174 N154
175 N58
176 T232
177 N128
178 N79
179 T58
180 N30
181 T68
182 T244
182 T251
182 T96
183 N26

184 N14
185 N121
186 T17
187 T3
188 T117
189 T14
190 T73
191 N4
192 N289
193 T239
194 T170
195 T146
196 N17
197 T235
198 N74
199 N18
200 T211
201 T186
201 T204
202 N50
203 N116
204 T223
205 N198
206 N267
207 T133
208 T80
209 N218
210 N266
211 T224
212 N148
213 N108
214 N263
215 N250
216 N92
217 N152
218 T11
219 T159
220 N243
221 N78
222 T116
223 T27
224 N207
225 T31
226 N38
227 N163
228 N81
229 T94
230 N228
231 N80
232 T230
233 T188
234 N180
235 N187
236 N136
237 N294
238 N275
239 N65
240 N89
241 N125
242 N205
243 N39
244 N13
245 T48

246 T100
247 T223
248 N104
249 N35
250 T245
251 N32
252 T62
253 N125
254 N180
255 N22
256 T61
257 T125
258 T174
259 T36
260 T19
261 T204
262 T153
263 T27
264 T212
265 T159
266 T226
267 T239
268 N263
269 T66
270 N75
271 N250
272 T175
273 N283
274 T40
275 N152
276 N256
277 N28
278 T160
279 T82
280 N122
281 T170
282 N44
283 N18
284 T103
285 N126
286 N55
287 T42
288 T34
289 N158
290 N21
291 N154
292 N80
293 T189
294 T17
295 T68
296 T14
297 T146
298 T120
299 N181
300 N192
301 T109
302 N215
303 T244
303 T251
304 T96
305 T211
306 T243
307 N218

308	T224
309	T94
310	T183
311	N294
312	T191
313	T88
314	T9
315	N204
316	N175
317	N129
318	T141
319	N188
320	N209
321	T111
322	T144
323	N213
324	N109
325	N62
326	T235
327	N198
328	N148
329	N79
330	T116
331	N46
332	N49
333	N51
334	N52
335	T26